

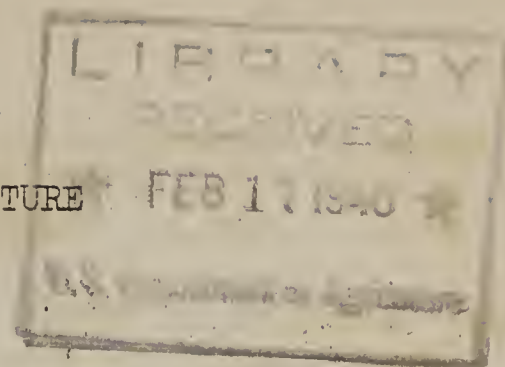
## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



1  
Excluded

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during January 1940

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

- Land tenure in Arkansas: I. The farm tenancy situation. J. A. Baker and J. G. McNeely. (Ark. Sta. Bul. 384, 62 p. 1939.) Fayetteville.
- Termite damage, preventives and remedies. W. J. Baerg. (Ark. Sta. Bul. 385, 27 p., illus. 1939.) Fayetteville.
- Breeding for resistance to onion downy mildew caused by Peronospora destructor. H. A. Jones, D. R. Potter, and L. D. Leach.- A genetic analysis of red seed-coat color in Phaseolus vulgaris. F. L. Smith. (Hilgardia [Calif. Sta.], vol. 12, no. 9, p. 531-621, illus. 1939.) Berkeley.
- Some mosaic diseases of Prunus species. H. E. Thomas and T. E. Rawlins.- Mosaic diseases of the rose in California. H. E. Thomas and L. M. Massey. (Hilgardia [Calif. Sta.], vol. 12, no. 10, p. 623-663, illus. 1939.) Berkeley.
- The rôle of surface tension and contact angle in the performance of spray liquids. W. Ebeling. (Hilgardia [Calif. Sta.], vol. 12, no. 11, p. 665-698, illus. 1939.) Berkeley.
- Educational foundations for rural rehabilitation. R. W. Roskelley and O. F. Larson. (Colo. Sta. Bul. 457, 34 p. 1939.) Fort Collins.
- The marketing of chickens, turkeys, and eggs in Wilmington. H. S. Gabriel. (Del. Sta. Bul. 218, 30 p. 1939.) Newark.
- Protein levels of rations for White Leghorn pullets. A. E. Tomhave. (Del. Sta. Bul. 219, 57 p., illus. 1939.) Newark.
- Commercial control of citrus scab in Florida. G. D. Ruehle and W. L. Thompson. (Fla. Sta. Bul. 337, 47 p., illus. 1939.) Gainesville.
- Farmers' cooperative associations in Florida: IV. The Florida Citrus Exchange system. H. G. Hamilton and M. A. Brooker. (Fla. Sta. Bul. 339, 80 p. 1939.) Gainesville.

A study of farming in the Sandy Creek Soil Conservation Demonstration Area, with special reference to erosion control. W. E. Hendrix. (Ga. Sta. Bul. 203, 42 p. 1939.) Experiment.

Taro varieties in Hawaii. L. D. Whitney, F. A. I. Bowers and M. Takahashi (Hawaii Sta. Bul. 84, 86 p., illus. 1939.) Honolulu.

The effect of high-temperature sterilization on the Solo papaya. W. W. Jones, J. J. Holzman and A. G. Galloway. (Hawaii Sta. Cir. 14, 8 p. 1939.) Honolulu.

Progress report of phosphate and other fertilizer investigations at the Aberdeen Branch Experiment Station, University of Idaho. J. L. Toevs and G. O. Baker. (Idaho Sta. Bul. 230, 27 p., illus. 1939.) Moscow.

Three new varieties of bush lima beans. W. A. Huelsen. (Ill. Sta. Bul. 461, p. 106-120, illus. 1939.) Urbana.

Eleven years of soybean investigations, varieties, seeding, storage. W. L. Burlison, C. A. Van Doren, and J. C. Hackleman. (Ill. Sta. Bul. 462, p. 122-167, illus. 1940.) Urbana.

Illinois corn performance tests, 1939. R. R. Copper et al. (Ill. Sta. Bul. 463, p. 170-216, illus. 1940.) Urbana.

Formulas for ice cream with reduced carbohydrate content. W. J. Corbett and P. H. Tracy. (Ill. Sta. Cir. 498, 8 p. 1939.) Urbana.

Straw-loft poultry house, directions and plans for building. H. H. Alp and W. A. Foster. (Ill. Sta. Cir. 501, 4 p. 1939.) Revision of Cir. 412. Urbana.

A study of grade, quality and price of canned tomatoes sold at retail in Indiana. (Ind. Sta. Bul. 438, 24 p. 1939.) Lafayette.

Colt production in Iowa. A. B. Caine. (Iowa Sta. Bul. P 1 (New Ser.), 30 p., illus. 1939.) Ames.

Butterfat procurement by creameries in Butler County, Iowa. P. E. Quintus and F. Robotka. (Iowa Sta. Res. Bul. 265, p. 254-302, illus. 1939.) Ames.

Corporate land, foreclosures, mortgage debt and land values in Iowa, 1939. W. G. Murray. (Iowa Sta. Res. Bul. 266, p. 303-338, 1939.) Ames.

Bacteriology of butter: VIII. Relationship of Achromobacter putrefaciens to the putrid defect of butter. T. J. Claydon and B. W. Hammer. (Iowa Sta. Res. Bul. 267, p. 339-372, illus. 1939.) Ames.

Report on agricultural research, Iowa Agricultural Experiment Station, for the year ending June 30, 1939: Part I, project reports, publications, staff, financial statement. R. E. Buchanan et al., 271 p., illus. 1939. Ames.

A physiological study of the winter wheat plant at different stages of its development. E. C. Miller. (Kans. Sta. Tech. Bul. 47, 167 p., 1939.) Manhattan.



- Fruit pests and their control. P. O. Ritcher, W. D. Valleau and W. W. Magill.  
(Ky. Sta. Bul. 393, p. 119-179, illus. 1939.) Lexington.
- Soil management experiments. G. Roberts, J. F. Freeman and E. J. Kinney.  
(Ky. Sta. Bul. 397, p. 317-389. 1939.) Lexington.
- Standard strains of Salmonella. P. R. Edwards. (Ky. Sta. Cir. 50, 4 p. 1939.)  
Lexington.
- Factors in the organization and operation of farms in an upland cotton area  
of Louisiana. R. J. Saville and S. B. Thornton. (La. Sta. Bul. 309, 34 p.  
1939.) University.
- Factors in the organization and operation of farms in an upland cotton area of  
Louisiana. R. J. Saville and S. B. Thornton. (La. Sta. Bul. 309-A, 8 p.  
1939.) Abstract of Bul. 309. University.
- Marketing Louisiana sweet potatoes. R. A. Ballinger. (La. Sta. Bul. 310,  
38 p. 1939.) University.
- A comparative study of quality in oranges from Louisiana and other states. W. D.  
Kimbrough and G. N. Page. (La. Sta. Bul. 311, 16 p. 1939.) University.
- The use of commercial methods for the determination of available nutrients in  
Louisiana soils. J. F. Reed and M. B. Sturgis. (La. Sta. Bul. 313, 28 p.  
1939.) University.
- Commercial agricultural seeds, 1939; fungicides and insecticides, 1939. G. P.  
Steinbauer and E. R. Tobey. (Maine Sta. Off. Insp. 174, p. 99-133. 1933.)  
Orono.
- Economic analysis of the Baltimore egg market. L. E. Cron, R. F. Burdette and  
S. H. DeVault. (Md. Sta. Bul. 430, p. 117-163. 1939.) College Park.
- The fifty-second annual report of the Maryland Agricultural Experiment Station  
for the fiscal year ending June 30, 1939. J. E. Metzger. 73 p., illus.  
1939. College Park.
- Towards a perfect milk market. J. E. Donley. (Mass. Sta. Bul. 366, 28 p.  
1939.) Amherst.
- Meteorological observations for December 1939. C. I. Guinness. (Mass. Sta.  
Met. Bul. 612, 4 p. 1939.) Amherst.
- The Kalamazoo milk market. O. Ulrey. (Mich. Sta. Spec. Bul. 300, 44 p. 1939.)  
East Lansing.
- Minnesota cold storage locker plants. A. A. Dowell et al. (Minn. Sta. Bul.  
345, 39 p., illus. 1939.) University Farm, St. Paul.
- Highlights of the work of the Mississippi Experiment Station: Fifty-second  
annual report for the fiscal year ending June 30, 1939. C. Dorman. 42 p.  
1939. State College.

- Pregnancy disease of sheep. C. Elder and A. W. Uren. (Mo. Sta. Bul. 412, 16 p., illus. 1940.) Revision of Bul. 345. Columbia.
- The rural population resources of Missouri. C. E. Lively and R. B. Almack. (Mo. Sta. Res. Bul. 306, 40 p. 1939.) Columbia.
- Some rural social agencies in Missouri, their nature and extent. C. E. Lively and R. B. Almack. (Mo. Sta. Res. Bul. 307, 58 p. 1939.) Columbia.
- The effect of root temperature upon the absorption of water by the cucumber. R. A. Schroeder. (Mo. Sta. Res. Bul. 309, 27 p., illus. 1939.) Columbia.
- The mammogenic hormones of the anterior pituitary: I, The duct growth factor. A. A. Lewis and C. W. Turner. (Mo. Sta. Res. Bul. 310, 72 p., illus. 1939.) Columbia.
- Important grasses and other common plants on Montana ranges, description, distribution and relative value. L. P. Reitz and H. E. Morris. (Mont. Sta. Bul. 375, 35 p., illus. 1939.) Bozeman.
- Commercial fertilizer report for 1939. J. T. Sparling and E. Burke. (Mont. Sta. Bul. 376, 14 p. 1939.) Bozeman.
- The utilization of food elements by growing chicks: VIII. A comparison of alfalfa meal and artificially dried sudan grass meal in rations for growing chicks. C. W. Ackerson, M. J. Blish, and F. E. Mussehl. (Nebr. Sta. Res. Bul. 116, 7 p. 1939.) Lincoln.
- Forage production, its use and approximate costs in northeastern Nevada. C. E. Fleming and C. A. Brennen. (Nev. Sta. Bul. 150, 21 p., illus. 1939.) Reno.
- Results of seed tests for 1939. B. G. Sanborn. (N. H. Sta. Bul. 316, 36 p. 1939.) Durham.
- The measurement of the yellow color of milk. O. F. Garrett, H. H. Tucker and F. J. Nuissl. (N. J. Sta. Bul. 671, 19 p., illus. 1939.) New Brunswick.
- Fertilizers for New Jersey. (N. J. Sta. Cir. 398, 8 p. 1939.) New Brunswick.
- Vitamin D products for poultry. C. S. Platt and W. C. Russell. (N. J. Hints to Poultrymen, vol. 26, no. 6, 4 p. 1939.) New Brunswick.
- Results of farm-mortgage financing in eleven counties in New York State. S. W. Warren. (N. Y. (Cornell) Sta. Bul. 726, 20 p. 1939.) Ithaca.
- The calcium content of the foliage of forest trees. R. F. Chandler, Jr. (N. Y. (Cornell) Sta. Mem. 228, 15 p. 1939.) Ithaca.
- Oklahoma farm price statistics, 1910-38. T. R. Hedges and K. D. Blood. (Okla. Sta. Bul. 238, 123 p. 1939.) Stillwater.
- Cost and efficiency in producing hops in Oregon. G. W. Kuhlman and R. E. Fore. (Oreg. Sta. Bul. 364, 57 p., illus. 1939.) Corvallis.



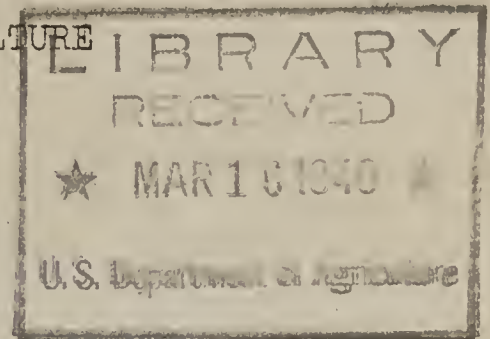
- Composition, rating, and conservation of Willamette Valley soils. W. L. Powers, J. S. Jones, and C. V. Ruzek. (Oreg. Sta. Bul. 365, 38 p., map. 1939.) Corvallis.
- The value of irrigated pastures for dairy cattle. H. P. Ewalt and I. R. Jones. (Oreg. Sta. Bul. 366, 25 p., illus. 1939.) Corvallis.
- Pulpy kidney disease in Oregon lambs (infectious entero-toxemia). J. N. Shaw, O. H. Muth, and L. Seghetti. (Oreg. Sta. Bul. 367, 17 p., illus. 1939.) Corvallis.
- Inspection and analysis of commercial fertilizers. B. D. Cloaninger. (S. C. Sta. Bul. 324, 153 p. 1939.) Clemson.
- The effect of shade on pasture. L. R. Neel. (Tenn. Sta. Cir. 65, 2 p. 1939.) Knoxville.
- Mechanical harvesting of cotton as affected by varietal characteristics and other factors. H. P. Smith et al. (Tex. Sta. Bul. 580, 49 p., illus. 1939.) College Station.
- Agricultural seed. A. S. Lutman. (Vt. Sta. Bul. 454, 18 p. 1939.) Burlington.
- Commercial feeding stuffs. L. S. Walker, E. F. Boyce and L. E. Davis. (Vt. Sta. Bul. 455, 47 p. 1939.) Burlington.





1  
946 Lin

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS.

Received by the Office of Experiment Stations during February 1940.

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

- The detection of infertile eggs and its application to hatchery management.  
D. F. King. (Ala. Sta. Cir. 82, 15 p., illus. 1939.) Auburn.
- Kudzu, its value and use in Alabama. D. G. Sturkie and J. C. Grimes. (Ala. Sta. Cir. 83, 20 p., illus. 1939.) Revision of Cir. 57. Auburn.
- Fifty-first annual report, fiscal year ending June 30, 1939. C. O. Brannen.  
(Ark. Sta. Bul. 386, 110 p. 1940.) Fayetteville.
- Five new peach varieties especially adapted to mild winters. J. W. Lesley.  
(Calif. Sta. Bul. 632, 19 p., illus. 1939.) Berkeley.
- A new selective spray for the control of certain weeds. W. A. Westgate and R. N. Raynor. (Calif. Sta. Bul. 634, 36 p., illus. 1940.) Berkeley.
- The chemical status of zinc in the soil, with methods of analysis. P. L. Hibbard. (Hilgardia [Calif. Sta], vol. 13, no. 1, 29 p. 1940.) Berkeley.
- Fifty-second annual report, Colorado Experiment Station, for the fiscal year of July 1, 1938 to June 30, 1939. E. P. Sandsten. 64 p. 1939. Fort Collins.
- Tetranychidae of Connecticut. P. Garman. (Conn. (State) Bul. 431, p. 67-88, illus. 1940.) New Haven.
- Studies on the creeper fowl: XII, Size of body, organs and long bones of late homozygous creeper embryos. W. Landauer. (Conn. (Storrs) Sta. Bul. 232, 62 p., illus. 1939.) Storrs.
- Studies on the lethal mutation of Cornish fowl: Growth in length of long bones and increase in weight of the body and of some organs. W. Landauer. (Conn. (Storrs) Sta. Bul. 233, 45 p. 1939.) Storrs.

- Yield and composition of Everglades grass crops in relation to fertilizer treatment. J. R. Neller and A. Daane. (Fla. Sta. Bul. 338, 30 p., illus. 1939.) Gainesville.
- Dahlia variety test, 1939. (Ga. Sta. Cir. 120, 11 p., illus. 1939.) Experiment.
- Fifty-first annual report, Georgia Experiment Station, for the year 1938-39. H. P. Stuckey. 97 p., illus. 1939. Experiment.
- The Hessian fly in Indiana. C. M. Packard and W. B. Cartwright. (Ind. Sta. Bul. 440, 15 p., illus. 1939.) Lafayette.
- The 1939 Iowa corn yield test. J. L. Robinson and M. S. Zuber. (Iowa Sta. Bul. P 2 (New Series) p. 34-112. 1940.) Ames.
- Bacteriology of cheese: IV, Factors affecting the ripening of swiss-type cheese made from pasteurized milk. F. J. Babel and B. W. Hammer. (Iowa Sta. Res. Bul. 264, p. 201-252, illus. 1939.) Ames.
- Diacetyl and other alpha-dicarbonyl compounds with special reference to the flavor of butter. E. A. Prill, N. E. Fabricius and B. W. Hammer. (Iowa Sta. Res. Bul. 268, p. 373-403. 1939.) Ames.
- Could hogs be sold by carcass weight and grade in the United States? G. Shepherd, F. J. Beard and A. Erikson. (Iowa Sta. Res. Bul. 270, p. 445-506. 1940.) Ames.
- Report on agricultural research [Report of the Iowa Agricultural Experiment Station] for the year ending June 30, 1939: Part II, Iowa Corn Research Institute, fourth annual report. 88 p., illus. 1939. Ames.
- Kansas corn tests, 1939. A. L. Clapp et al. (Kansas Sta. Bul. 288, 29 p. 1940.) Manhattan.
- Citrus orchard heating in Louisiana. F. D. Cochran. (La. Sta. Bul. 312, 27 p., illus. 1940.) University.
- Meteorological observations for January, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 613, 4 p. 1940.) Amherst.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul., vol. 22, no. 3, p. 134-226, illus. 1940.) East Lansing.
- Fifty-second annual report of the [Michigan] Agricultural Experiment Station for the year ended June 30, 1939. V. R. Gardner. In Michigan State Board of Agriculture, report, p. 95-107. 1939. East Lansing.



- Trends in the Minnesota dairy industry. E. F. Koller and O. B. Jesness.  
(Minn. Sta. Bul. 346, 40 p., illus. 1940.) University Farm, St. Paul.
- The blood picture in hemorrhagic anemia. J. M. Leichsenring et al. (Minn.  
Sta. Tech. Bul. 139, 120 p. 1939.) University Farm, St. Paul.
- The Syrphidae of Minnesota. H. S. Telford. (Minn. Sta. Tech. Bul. 140, 76 p.,  
illus. 1939.) University Farm, St. Paul.
- Farm mechanics. Comp. by O. L. Snowden and H. O. West. (Miss. Sta. Bul. 337,  
48 p., illus. 1939.) State College.
- Agricultural research for Mississippi farmers. C. Dorman. (Miss. Sta. Spec.  
Bul. [unnumbered] 20 p. 1939.) State College.
- Spraying the home orchard. P. H. Shepard and G. Rook. (Mo. Fruit Sta. Cir.  
29, 8 p. 1940.) Mountain Grove.
- Nebraska tractor tests, 1920-1939. (Nebr. Sta. Bul. 325, 48 p. 1940.)  
Lincoln.
- Control of the chinch bug in Nebraska. M. H. Swenk and H. D. Tate. (Nebr.  
Sta. Cir. 61, 19 p., illus. 1940.) Lincoln.
- Range sheep production in northeastern Nevada: Production and earning power,  
1933-1938, inclusive, long-time situation, 1910-1938. C. E. Fleming et al.  
(Nev. Sta. Bul. 151, 27 p., illus. 1940.) Reno.
- An economic study of land utilization in Yates County, New York. M. D. Woodin.  
(N. Y. (Cornell) Sta. Bul. 727, 52 p., illus., map. 1940.) Ithaca.
- Fifty-second annual report, Cornell Agricultural Experiment Station, for the  
fiscal year 1938-39. C. E. Ladd et al. 203 p. 1939. Ithaca.
- Selection, care, and planting of nursery-grown fruit trees. H. B. Tukey.  
(N. Y. State Sta. Cir. 188, 31 p., illus. 1940.) Geneva.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 2, no. 3, 23 p., illus.  
1940.) State College Station, Fargo.
- The Ohio cooperative corn performance tests. G. H. Stringfield, R. D. Lewis,  
and H. L. Pfaff. (Ohio Sta. Spec. Cir. 59, 27 p. 1940.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 202, 27 p., illus. 1940.)  
Wooster.
- Out-of-school rural youth enter farming, a study of young men, former students  
of vocational agriculture in Pennsylvania, who quit school and are farming.  
C. S. Anderson. (Pa. Sta. Bul. 385, 26 p. 1940.) State College.



- Zinnia field trials, 1939. E. I. Wilde and C. B. Link. (Pa. Sta. Bul. 386, 21 p., illus. 1939.) State College.
- The Columbia spring oat. L. R. Neel. (Tenn. Sta. Cir. 66, 2 p. 1940.) Knoxville.
- Chemical composition of the soils of Cass, Dickens, Falls, Hardeman, Polk, Scurry, and Wheeler Counties. G. S. Fraps and J. F. Fudge. (Tex. Sta. Bul. 581, 73 p. 1940.) College Station.
- Common diseases of tomatoes. P. A. Young, A. L. Harrison, and G. E. Altstatt. (Tex. Sta. Cir. 86, 32 p., illus. 1940.) College Station.
- Rose diseases. E. W. Lyle. (Tex. Sta. Cir. 87, 16 p., illus. 1940.) College Station.
- A method of raising turkeys in confinement to prevent parasitic diseases. E. P. Johnson. (Va. Sta. Bul. 323, 16 p., illus. 1939.) Blacksburg.
- Blue mold (downy mildew) of tobacco and its control. (Va. Sta. Bul. 324, 19 p., illus. 1940.) Blacksburg.
- Tobacco mosaic and its control. J. Johnson and W. B. Ogden. (Wis. Sta. Bul. 445, 22 p., illus. 1939.) Madison.
- Tobacco varieties and strains in Wisconsin. J. Johnson and W. B. Ogden. (Wis. Sta. Bul. 448, 30 p., illus. 1939.) Madison.

1  
576210  
UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.

LIBRARY  
APR 23 1940  
U. S. Department of Agriculture

LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during March 1940.

-----  
The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----  
American-Egyptian cotton, utilization, supplies, and prices. E. H. Pressley, R. Whitaker and G. W. Barr. (Ariz. Sta. Bul. 167, p. 37-77. Jan. 1940.) Tucson.

Crown-grading experiments with asparagus. H. A. Jones and G. C. Hanna. (Calif. Sta. Bul. 633, 16 p. 1940.) Berkeley.

Colorado Farm Bulletin. (Colo. Sta. Colo. Farm Bul., vol. 2, no. 2., 19 p., illus. 1940.) Fort Collins.

Annual report of the director for the fiscal year ending June 30, 1939. G. L. Schuster. (Del. Sta. Bul. 220, 43 p. 1939.) Newark.

Basic data for land classification, state summary. P. A. Eke. (Idaho Sta. Bul. 232, 4 p. 1939.) Moscow.

Publications available for free distribution. (Idaho Sta. Cir. 81, 4 p. 1940.) Moscow.

An economic study of the broiler industry in western Indiana. E. C. Young. (Ind. Sta. Bul. 441, 32 p., illus. 1939.) Lafayette.

Economic considerations in growing canning factory tomatoes in northwestern Indiana. M. G. Smith and L. Robertson. (Ind. Sta. Bul. 442, 24 p. illus. 1939.) Lafayette.

The use of farm trucks in marketing farm products in central Indiana. T. K. Cowden. (Ind. Sta. Bul. 443, 37 p., illus. 1939.) Lafayette.

Insepection of agricultural seeds. H. R. Eraybill et al. (Ind. Sta. Cir. 252, 121 p. 1939.) Lafayette.

Fur-bearers and game mammals of Iowa. E. A. Hicks and G. O. Hendrickson. (Iowa Sta. Bul. P3 (new ser.), p. 113-147, illus. 1940.) Ames.

- Quality lamb production. C. W. McDonald. (Iowa Sta. Bul. P4 (new ser.), p. 150-180, illus. 1940.) Ames.
- Defects which reduce quality and yield of oak-hickory stands in southeastern Iowa. C. M. Genaux and J. G. Kuenzel. (Iowa Sta. Res. Bul. 269, p. 405-444, illus. 1939.) Ames.
- Fifty-second annual report of the Kentucky Agricultural Experiment Station for the year 1939: Part II, Bulletins 389-397, Circular 50. 393, 4 p., illus. 1939. Lexington.
- A farm management and cost study on 500 family-sized farms in the Louisiana sugar cane area, 1938. W. W. McPherson and J. N. Efferson. (La. Sta. Bul. 314, 24 p. 1940.) University.
- Financial results of the operation of large sugar cane farms in Louisiana, 1937 and 1938. R. A. Ballinger. (La. Sta. Bul. 315, 23 p. 1940.) University.
- Financial results of the operation of sugar mills in Louisiana, 1937 and 1938. R. A. Ballinger. (La. Sta. Bul. 316, 23 p. 1940.) University.
- Some results of a farm management survey in Rapides, Union, Claiborne and DeSota Parishes, 1938. J. N. Efferson. (La. Sta. Bul. 317, 16 p. 1940.) University.
- Suggestions for increasing corn yields in central and south Louisiana. H. B. Brown. (La. Sta. Cir. 23, 7 p. 1940.) University.
- Corn production in the alluvial section of Louisiana. C. B. Haddon and D. M. Johns. (La. Sta. Cir. 24, 4 p. 1940.) University.
- Hybrid corn. H. B. Brown. (La. Sta. Cir. 25, 4 p. 1940.) University.
- Corn production on the hill lands of Louisiana. S. Stewart. (La. Sta. Cir. 26, 3 p. 1940.) University.
- Michigan tax trends, as related to agriculture. D. C. Clime. (Mich. Sta. Spec. Bul. 301, 88 p. 1940.) East Lansing.
- "Thin wood" pruning considered from the standpoint of photosynthate production. B. S. Pickett. (Mich. Sta. Tec. Bul. 169, 20 p. 1940.) East Lansing.
- The relation of nutrition to the development of necrotic enteritis in swine. G. K. Davis, V. A. Freeman, and L. L. Madsen. (Mich. Sta. Tech. Bul. 170, 23 p., illus. 1940.) East Lansing.



Forty-sixth annual report, Minnesota Agricultural Experiment Station, July 1, 1938 to June 30, 1939. W. C. Coffey. 100 p. 1939. University Farm, St. Paul.

Illustrated guide to landscaping Mississippi homes. R. O. Monosmith and F. S. Batson. (Miss. Sta. Bul. 340, 71 p., illus. 1939.) State College.

Research in agriculture: Work of the agricultural experiment station during the year ending June 30, 1937. F. B. Mumford and S. B. Shirley. (Mo. Sta. Bul. 413, 120 p., illus. 1940.) Columbia.

The use of vegetable protein concentrates for raising turkeys. E. M. Funk and H. L. Kempster. (Mo. Sta. Bul. 414, 27 p., illus. 1940.) Columbia.

Studies on Fusarium wilt of tomato: I, Immunity in Lycopersicon pimpinellifolium Mill. and its inheritance in hybrids. G. W. Bohn and C. M. Tucker. (Mo. Sta. Res. Bul. 311, 82 p., illus. 1940.) Columbia.

The spring cankerworm and its control. L. Haseman. (Mo. Sta. Cir. 205, 4 p., illus. 1940.) Columbia.

Farm adjustments in Montana: Study of Area IV, its past, present, and future. M. Clawson, M. H. Saunderson, and W. W. Johnson. (Mont. Sta. Bul. 377, 67 p. 1940.) Bozeman.

A report of phosphate investigations in Montana for 1939. W. P. Willis, Jr. and F. M. Harrington. (Mont. Sta. Bul. 378, 16 p., illus. 1940.) Bozeman.

The effect of winter storage on the vitamin content of cabbage and onions. H. L. Mayfield and J. E. Richardson. (Mont. Sta. Bul. 379, 12 p. 1940.) Bozeman.

Inspection of commercial fertilizers for 1939. T. O. Smith and H. A. Davis. (N. H. Sta. Bul. 317, 11 p. 1939.) Durham.

The marketing of farm woodland products in Carroll County, New Hampshire. A. MacLeod and J. Chandler. (N. H. Sta. Bul. 318, 31 p., illus. 1939.) Durham.

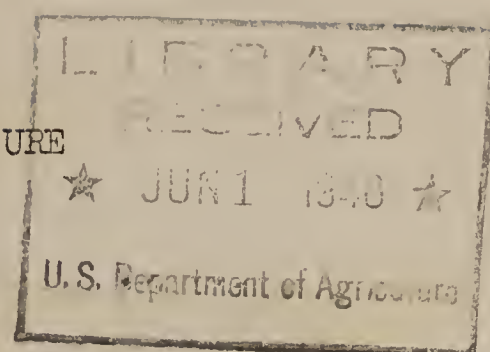
Fiftieth annual report of the New Mexico Agricultural Experiment Station for the fiscal year ended June 30, 1939. F. Garcia. 72 p., illus. 1939. State College.

Ten years of farm sales of milk in four Ohio markets. R. W. Sherman and C. G. McBride. (Ohio Sta. Bul. 609, 38 p. 1939.) Wooster.

- Anatomical and physiological changes in the pituitary glands of vitamin A deficient rats. T. S. Sutton and B. J. Brief. (Ohio Sta. Bul. 610, 21 p., illus. 1939.) Wooster.
- Deficiency symptoms of greenhouse flowering crops. A. Laurie and A. Wagner. (Ohio Sta. Bul. 611, 26 p., illus. 1940.) Wooster.
- A machine for controlling loose smut in wheat and barley. K. S. Chester. (Okla. Sta. Cir. 86, 8 p., illus. 1940.) Stillwater.
- 1939 report, cotton variety tests in Oklahoma. H. E. Danlavy, I. M. Parrott, and F. W. Self. (Okla. Sta. Cir. 87, 56 p. 1940.) Stillwater.
- Dependent children in South Dakota. R. L. Woolbert and R. L. McNamara. (S. Dak. Sta. Bul. 332, 40 p. 1940.) Brookings.
- Bloat in dairy cattle. T. M. Olson. (S. Dak. Sta. Cir. 27, 8 p. 1940.) Brookings.
- Range resources of Rich County, Utah. L. A. Stoddart. (Utah Sta. Bul. 291, 30 p., illus. 1940.) Logan.
- The minerals of wheat and their relationship to human and animal nutrition. J. E. Greaves. (Utah Sta. Cir. 113, 15 p., illus. 1940.) Logan.
- Forty-ninth annual report for the fiscal year ended June 30, 1939. E. C. Johnson et al. (Wash. Sta. Bul. 384, 101 p. Dec. 1939.) Pullman.
- Leasing Washington farms. A. E. Orr. (Wash. Sta. Bul. 385, 39 p. 1940.) Pullman.
- Report of agricultural research and other activities of the Western Washington Experiment Station, for the fiscal year ended March 31, 1939. J. W. Kalkus et al. 54 p. 1939. Puyallup.
- The relative merits of producing creep-fed, feeder, and lot-fattened calves in West Virginia. C. V. Wilson and E. W. McComas. (W. Va. Sta. Bul. 295, 12 p. 1939.) Morgantown.
- Milk as a food throughout life. M. H. Irwin. (Wis. Sta. Bul. 447, 40 p., illus. 1939.) Madison.

1  
Exhib

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during April 1940

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

Second annual report of the Arizona Feed Control Office, year ending December 31, 1939. W. T. McGeorge, E. O. Foster, and R. D. Taylor. (Ariz. Sta. Bul. 168, p. 79-126. 1940.) Tucson.

Distribution and activity of azotobacter in the range and cultivated soils of Arizona. W. P. Martin. (Ariz. Sta. Tech. Bul. 83, p. 333-369. 1940.) Tucson.

Effects of inbreeding cotton with special reference to staple length and lint percentage. L. M. Humphrey. (Ark. Sta. Bul. 387, 16 p. 1940.) Fayetteville.

Preparing and baking yellow sponge cake at different altitudes. W. E. Pyke and G. Johnson. (Colo. Sta. Tech. Bul. 27, 22 p., illus. 1940.) Fort Collins.

Distribution of macro and micro elements in some soils of peninsular Florida. L. H. Rogers et al. (Fla. Sta. Bul. 341, 31 p. 1939.) Gainesville.

Flowering, fruiting, yield and growth habits of tung trees. R. D. Dickey and W. Reuther. (Fla. Sta. Bul. 343, 28 p., illus. 1940.) Gainesville.

A preliminary report on little-leaf of the peach in Florida, a zinc deficiency. R. D. Dickey and G. H. Blackmon. (Fla. Sta. Bul. 344, 19 p., illus. 1940.) Gainesville.

Results of cotton variety tests, 1936-1939. U. R. Gore. (Ga. Sta. Bul. 204, 31 p., illus. 1940.) Experiment.

Sorghum in north Georgia. T. S. Boggess and J. E. Bailey. (Ga. Sta. Cir. 121, 20 p., illus. 1940.) Experiment.

Report of the Hawaii Agricultural Experiment Station, 1939. J. H. Beaumont et al. 89 p., illus. 1940. Honolulu.



- Fertilizing onion sets, sweet corn, cabbage, and cucumbers in a four-year rotation. J. W. Lloyd and J. P. McCollum. (Ill. Sta. Bul. 464, p. 218-236, illus. 1940.) Urbana.
- Feeding the dairy herd. W. B. Nevens. (Ill. Sta. Cir. 502, 32 p., illus. 1940.) Urbana.
- Effect of spacing and length of harvesting period on yields of asparagus. E. S. Haber. (Iowa Sta. Bul. P6, (new ser.), p. 210-224, illus. 1940.) Ames.
- Grape training and pruning in Iowa. S. W. Edgecombe and T. J. Maney. (Iowa Sta. Bul. P7 (new ser.), p. 226-239, illus. 1940.) Ames.
- Feeding range lambs in Kansas. R. F. Cox. (Kans. Sta. Bul. 287, 80 p., illus. 1939.) Manhattan.
- Growing an orchard in Kansas. R. J. Barnett. (Kans. Sta. Bul. 290, 47 p., illus. 1940.) Revision of Bul. 254. Manhattan.
- Identification of the eggs of mid-western grasshoppers. J. B. Tuck and R. C. Smith. (Kans. Sta. Tech. Bul. 48, 39 p., illus. 1939.) Manhattan.
- Control of mammals injurious to agriculture in Kansas. G. E. Johnson. Revised by E. H. Herrick. (Kans. Sta. Cir. 198, 10 p., illus. 1940.) Revision of Cir. 120. Manhattan.
- Wireworm injury to tobacco plants. H. H. Jewett. (Ky. Sta. Bul. 398, 16 p., illus. 1940.) Lexington.
- Control of blackfire of tobacco in western Kentucky. E. M. Johnson and W. D. Valleau. (Ky. Sta. Bul. 399, p. 17-39, illus. 1940.) Lexington.
- Report of progress for the year ending June 30, 1939. F. Griffiee. (Maine Sta. Bul. 397, p. 695-846, illus. 1939.) Orono.
- An economic study of the maple products industry in Garrett County, Maryland. R. E. Huffman, S. H. DeVault and J. W. Coddington. (Md. Sta. Bul. 431, p. 165-215, illus. 1940.) College Park.
- Meteorological records, a fifty-year summary, 1889-1938. C. I. Gunness. (Mass. Sta. Bul. 367, 23 p. 1939.) Amherst.
- Inspection of commercial feedstuffs. P. H. Smith. (Mass. Sta. Control Ser. Bul. 99, 69 p. 1939.) Amherst.
- Inspection of commercial fertilizers. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 100, 50 p. 1939.) Amherst.
- Inspection of agricultural lime products. H. D. Haskins. (Mass. Sta. Control Ser. Bul. 101, 10 p. 1939.) Amherst.

- Seed inspection. F. A. McLaughlin. (Mass. Sta. Control Ser. Bul. 102, 104 p. 1939.) Amherst.
- Meteorological observations for February 1940; March 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 614, 615, 4 p. each. 1940.) Amherst.
- Amounts and cost of credit extended by cooperative exchanges. R. E. Mercer and H. M. Haag. (Mo. Sta. Bul. 415, 35 p. 1940.) Columbia.
- New practices to regulate the fruit crop. A. E. Murneek. (Mo. Sta. Bul. 416, 15 p., illus. 1940.) Columbia.
- Missouri farm prices since 1910. H. M. Haag. (Mo. Sta. Res. Bul. 312, 47 p. 1940.) Columbia.
- Results of some young apple tree pruning experiments. T. J. Talbert. (Mo. Sta. Res. Bul. 313, 23 p., illus. 1940.) Columbia.
- Comparative accuracy and efficiency in determination of carbohydrates in plant material. P. H. Heinze and A. E. Murneek. (Mo. Sta. Res. Bul. 314, 23 p. 1940.) Columbia.
- Good varieties of cotton for Missouri. E. M. King. (Mo. Sta. Cir. 206, 8 p. 1940.) Columbia.
- Vegetative composition and grazing capacity of a typical area of Nebraska sand-hill range land. A. L. Frolik and W. O. Shepherd. (Nebr. Sta. Res. Bul. 117, 39 p. 1940. Lincoln.
- Spread of white-top seed in the droppings of grazing cattle. R. S. Rosenfels. (Nev. Sta. Bul. 152, 5 p., illus. 1940.) Reno.
- Analyses of materials sold as insecticides and fungicides during 1939. C. S. Cathcart and R. L. Willis. (N. J. Sta. Bul. 670, 16 p. 1939.) New Brunswick.
- Summary of results of seed and legume inoculant inspection for 1939. J. G. Fiske. (N. J. Sta. Bul. 672, 22 p. 1939.) New Brunswick.
- A comparison of treatments on permanent pastures. H. B. Sprague, R. E. Blaser and J. H. Boyce. (N. J. Sta. Bul. 673, 16 p. 1940.) New Brunswick.
- Analyses of commercial fertilizers, manures and agricultural lime, 1939. C. S. Cathcart. (N. J. Sta. Bul. 674, 41 p. 1939.) New Brunswick.
- Maintaining color and flavor in Guernsey milk. J. W. Bartlett et al. (N. J. Sta. Bul. 675, 24 p. 1940.) New Brunswick.
- The New Jersey tick problem. T. J. Headlee. (N. J. Sta. Cir. 395, 12 p., illus. 1940.) New Brunswick.

- The Sunrise red raspberry. G. M. Darrow and J. H. Clark. (N. J. Sta. Cir. 397, 4 p., illus. 1939.) New Brunswick.
- Care and management of baby chicks. W. C. Thompson. (N. J. Sta. Cir. 400, 32 p., illus. 1940.) New Brunswick.
- The practical brooding of turkey poults. G. C. Crandall. (N. J. Sta. Hints to Poultrymen, vol. 27, no. 1, 4 p. 1939.) New Brunswick.
- The use of stud-mating in poultry breeding. W. C. Thompson. (N. J. Sta. Hints to Poultrymen, vol. 27, no. 2, 4 p. 1940.) New Brunswick.
- Efficiency in poultry meat production. F. P. Jeffrey. (N. J. Sta. Hints to Poultrymen, vol. 27, no. 3, 4 p. 1940.) New Brunswick.
- Type of farming and ranching areas in New Mexico: Part II. P. W. Cockerill, B. Hunter, and H. B. Pingrey. (N. Mex. Sta. Bul. 267, 134 p., illus. 1939.) State College.
- The use of calcium in the commercial canning of whole tomatoes. Z. I. Kertesz et al. (N. Y. State Sta. Tech. Bul. 252, 22 p. 1940.) Geneva.
- The blueberry in New York. G. L. Slate and R. C. Collison. (N. Y. State Sta. Cir. 189, 26 p., illus. 1940.) Geneva.
- Effect of substituting peanut meal in part for the animal protein in laying mash on egg production, hatchability and livability of chicks. R. S. Dearstyne, C. O. Bollinger, and H. P. Brighman. (N. C. Sta. Bul. 326, 10 p. 1940.) State College Station, Raleigh.
- Paratyphoid of pigeons: I, Serological, bacteriological, and hematological studies of spontaneously infected birds. H. C. Gauger, R. E. Greaves, and F. W. Cook. (N. C. Sta. Tech. Bul. 62, 71 p. 1940.) State College Station, Raleigh.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul. vol. 2, no. 4, 23 p., illus. 1940.) State College Station, Fargo.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 203, p. 31-60. 1940.) Wooster.
- A homemade egg-cooler for farm use. E. B. Thompson and C. A. Roberts. (Okla. Sta. Bul. 240, 16 p., illus. 1940.) Stillwater.
- Seed treatments for cotton. K. S. Chester. (Okla. Sta. Cir. 89, 8 p. 1940.) Stillwater.
- Current Farm Economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 13, nos. 1 and 2, 48 p. 1940.) Stillwater.

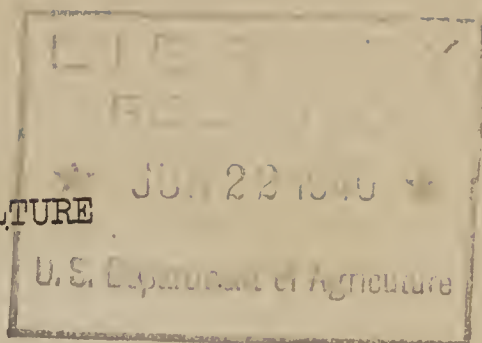


- The rose leaf beetle in Pennsylvania. M. Wood. (Pa. Sta. Bul. 387, 22 p., illus. 1940.) State College.
- Experimental spraying to control European red mite and rosy apple aphid in 1939 (progress report). H. N. Worthley and H. M. Steiner. (Pa. Sta. Bul. 390, 10 p., illus. 1940.) State College.
- Soybean varieties for hay and grain. T. E. Odland and G. F. Lea. (R. I. Sta. Bul. 271, 19 p., illus. 1939.) Kingston.
- Early cabbage experiments. F. K. Crandall. (R. I. Sta. Bul. 272, 20 p., illus. 1939.) Kingston.
- Studies of infectious bronchitis. J. P. Delaplane and H. O. Stuart. (R. I. Sta. Bul. 273, 15 p. 1939.) Kingston.
- Adjusting farm management to changing economic situations. J. L. Tennant. (R. I. Sta. Bul. 274, 35 p. 1939.) Kingston.
- A rural school area in central South Carolina. H. L. Fulmer. (S. C. Sta. Bul. 325, 44 p., illus. 1940.) Clemson.
- Fifty-second annual report of the South Carolina Experiment Station for the year ended June 30, 1939. H. P. Cooper et al. 199 p., illus. 1939. Clemson.
- Homemade rubber tired carts and trailers. H. H. DeLong. (S. Dak. Sta. Bul. 333, 31 p., illus. 1940.) Brookings.
- The chemical composition of forage grasses of the east Texas timber country. G. S. Fraps and J. F. Fudge. (Tex. Sta. Bul. 582, 35 p. 1940.) College Station.
- Requirements of chickens for vitamin A when fed as carotene. R. M. Sherwood and G. S. Fraps. (Tex. Sta. Bul. 583, 21 p. 1940.) College Station.
- Black kernel and white tip of rice. A. L. Martin and G. E. Altstatt. (Tex. Sta. Bul. 584, 14 p., illus. 1940.) College Station.
- Truck crop investigations: The Hawaiian beet webworm and its control. H. G. Walker and L. D. Anderson. (Va. Truck Sta. Bul. 103, p. 1651-1659, illus. 1939.) Norfolk.
- What's new in farm science: Fifty-sixth annual report for year ended June 30, 1939, Part II. N. Clark and N. Hoveland. (Wis. Sta. Bul. 449, 96 p., illus. 1940.) Madison.



1  
6-16-40

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during May 1940

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- 
- Insect pests of azaleas and camellias and their control. L. L. English and G. F. Turnipseed. (Ala. Sta. Cir. 84, 18 p., illus. 1940.) Auburn.
- Rations for fattening cattle in Arizona. E. B. Stanley and A. H. Walker. (Ariz. Sta. Bul. 170, p. 135-155, 1940.) Tucson.
- Some effects on animal nutrition of the ingestion of mineral oil. M. C. Smith and H. Spector. (Ariz. Sta. Tech. Bul. 84, p. 371-395. 1940.) Tucson.
- Population trends and adjustments in Arkansas. W. H. Metzler. (Ark. Sta. Bul. 388, 59 p. 1940.) Fayetteville.
- The digestibility of ground prunes, winery pomace, avocado meal, asparagus butts, and fenugreek meal. A. H. Folger. (Calif. Sta. Bul. 635, 11 p. 1940.) Berkeley.
- Factors affecting the total soluble solids, reducing sugars, and sucrose in water-melons. D. R. Porter, C. S. Bisson, and H. W. Allinger.— Variation in solids of the juice from different regions in melon fruits. G. W. Scott and J. H. MacGillivray. (Hilgardia [Calif. Sta.], vol. 13, no. 2, p. 31-79, illus. 1940.) Berkeley.
- Orchard management in Colorado. E. P. Sandsten, F. M. Green, and L. R. Bryant. (Colo. Sta. Bul. 458, 55 p., illus. 1940.) Fort Collins.
- Diseases and decays of Connecticut tobacco. P. J. Anderson. (Conn. (State) Sta. Bul. 432, p. 90-161, illus. 1940.) New Haven.
- Tobacco Substation at Windsor, Report for 1939. P. J. Anderson, T. R. Swanback and O. E. Street. (Conn. (State) Sta. Bul. 433, p. 165-209, illus. 1940.) New Haven.



- The effect of clipping and drying immature grasses on their yield and chemical composition. M. W. Goodwin. (Del. Sta. Bul. 233, 21 p., illus. 1940.) Newark.
- Chemical studies on soils from Florida citrus groves. M. Peech. (Fla. Sta. Bul. 340, 50 p. 1939.) Gainesville.
- Nineteenth annual report, 1938-1939. S. H. Starr. (Ga. Coastal Plain Sta. Bul. 30, 133 p., illus. 1939.) Tifton.
- Mechanized dusting equipment for pea weevil control. E. N. Humphrey. (Idaho Sta. Bul. 234, 11 p., illus. 1940.) Moscow.
- The transmission of and resistance to fowl paralysis (lymphomatosis). E. M. Gildow, J. K. Williams, and C. E. Lampman. (Idaho Sta. Bul. 235, 22 p., illus. 1940.) Moscow.
- Legal aspects of farm tenancy in Illinois. H. W. Hannah and J. Ackerman. (Ill. Sta. Bul. 465, p. 238-276, 1940.) Urbana.
- Seasonal market variations, and their importance to Iowa farmers. E. Hamilton. (Iowa Sta. Bul. P5 (new ser.), p. 185-208. 1940.) Ames.
- Pasture improvement and management. H. B. Cheney. (Iowa Sta. Bul. P8 (new ser.) p. 243-271, illus. 1940.) Ames.
- Rubber-tiring farm machines. D. K. Struthers and A. H. Bennett. (Iowa Sta. Bul. P9 (new ser.), p. 275-287, illus. 1940.) Ames.
- Pruning fruit trees. S. W. Edgecombe. (Iowa Sta. Bul. P10 (new ser.) p. 290-319, illus. 1940.) Ames.
- Contour farming for soil and water conservation. C. H. Van Vlack and L. E. Clapp. (Iowa Sta. Bul. P11 (new ser.), p. 322-335, illus. 1940.) Ames.
- The relation of wall construction to moisture accumulation in fill-type insulation. H. J. Barre. (Iowa Sta. Res. Bul. 271, p. 511-569, illus. 1940.) Ames.
- An economic study of the baby beef enterprise in southern Iowa. J. A. Hopkins, W. D. Goodsell, and R. K. Buck. (Iowa Sta. Res. Bul. 272, p. 574-620. 1940.) Ames.
- The significance of biological types of Salmonella typhi-murium (Salmonella aertrycke). P. R. Edwards and D. W. Bruner. (Ky. Sta. Bul. 400, p. 41-70. 1940.) Lexington.
- Fifty-second annual report of the Kentucky Agricultural Experiment Station for the year 1939: Part 1, Report of the director. T. P. Cooper. 63 p. [1939.] Lexington.

The Lansing region and its tributary town-country communities. J. F. Thaden.  
(Mich. Sta. Spec. Bul. 302, 50 p. 1940.) East Lansing.

A study of three methods of research in home management. I. H. Gross et al.  
(Mich. Sta. Tech. Bul. 171, 19 p. 1940.) East Lansing.

An electrical resistance method for the continuous measurement of soil moisture under field conditions. G. J. Bouyoucos and A. H. Mick. (Mich. Sta. Tech. Bul. 172, 38 p. illus. 1940.) East Lansing.

The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 22, no. 4, p. 230-302, illus. 1940.) East Lansing.

An inquiry into the influence of environment on the incidence of poultry diseases. L. Van Es and J. E. Olney. (Nebr. Sta. Res. Bul. 118, 57 p., illus. 1940.) Lincoln.

Control of stored grain pests in Nebraska. M. H. Swenk and D. B. Whelan. (Nebr. Sta. Cir. 62, 11 p., illus. 1940.) Lincoln.

Buffalo grass for lawns. E. F. Frolik and F. D. Kein. (Nebr. Sta. Cir. 63, 8 p., illus. 1940.) Lincoln.

Adjusting corn planters and listers for sorghums. L. W. Hurlbut. (Nebr. Sta. Cir. 64, 14 p., illus. 1940.) Lincoln.

Dusting and spraying for the control of insect pests of the Irish potato. J. R. Eyer and J. V. Enzie. (N. Mex. Sta. Bul. 266, 40 p., illus. 1939.) State College.

Effect of cooking on the riboflavin and vitamin B6 content of pinto beans. E. M. Lantz. (N. Mex. Sta. Bul. 268, 16 p., illus. 1939.) State College.

Handling and shipping lettuce in New York. H. Platenius. (N. Y. (Cornell) Sta. Bul. 732, 24 p., illus. 1940.) Ithaca.

Forest-site quality studies in the Adirondacks: I, Tree growth as related to soil morphology. R. L. Donahue. (N. Y. (Cornell) Sta. Mem. 229, 44 p., illus. 1940.) Ithaca.

Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 2, no. 5, 19 p., illus. 1940. State College Station, Fargo.

Progress of agricultural research in Ohio, 1937-1938: Fifty-seventh annual report of the Ohio Agricultural Experiment Station for the year ending June 30, 1938. E. Secrest. (Ohio Sta. Bul. 600, 87 p., illus. 1939.) Wooster.

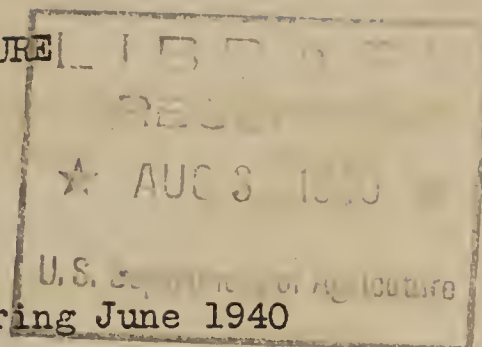
The carotene (provitamin A) content of Oklahoma feeds. R. Wall. (Okla. Sta. Bul. 242, 15 p. 1940.) Stillwater.



- The construction and standardization of a scale for the measurement of the socio-economic status of Oklahoma farm families. W. H. Sewell. (Okla. Sta. Tech. Bul. 9, 88 p. 1940.) Stillwater.
- The theory and consequences of mobility of farm population. O. D. Duncan. (Okla. Sta. Cir. 88, 22 p. 1940.) Stillwater.
- The "why" of wheat improvement. F. T. Dines. (Okla. Sta. Cir. 90, 6 p. 1940.) Stillwater.
- Inspection of fertilizers. W. L. Adams, T. Wright, Jr., and R. L. Swallow. (R. I. Sta. Ann. Fert. Cir., 19 p. 1940.) Kingston.
- Basic trends of social change in South Dakota: V, Public health facilities. W. F. Kumlien. (S. Dak. Sta. Bul. 334, 31 p. 1940.) Brookings.
- Capon production in South Dakota. W. E. Poley. (S. Dak. Sta. Bul. 335, 31 p., illus. 1940.) Brookings.
- Lespedeza seed-harvesting equipment. H. A. Arnold. (Tenn. Sta. Bul. 171, 20 p., illus. 1940.) Knoxville.
- Fifty-first annual report of the Tennessee Agricultural Experiment Station for 1938. C. A. Mooers et al. 94 p., illus. 1939. Knoxville.
- Poisoning in sheep and goats by sacahuiste (Nolina texana) buds and blooms. F. P. Mathews. (Tex. Sta. Bul. 585, 19 p., illus. 1940.) College Station.
- Deep fat frying at high altitudes. E. J. Thiessen. (Wyo. Sta. Bul. 235, 27 p., illus. 1940.) Laramie.
- Hybrid corn adaptation trials in Wyoming in 1939. W. A. Riedl. (Wyo. Sta. Bul. 236, 20 p. 1940.) Laramie.
- Forty-ninth annual report of the Wyoming Agricultural Experiment Station for the year ending June 30, 1939. J. A. Hill. 47 p. [1939.] Laramie.



1  
Exp. Sta.  
UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during June 1940

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- Seed treatments for corn, oats, and barley in Arkansas. V. H. Young and C. K. McClelland. (Ark. Sta. Bul. 389, 27 p. 1940.) Fayetteville.
- Effect of Bathypsectes curculionis on the alfalfa-weevil population in lowland middle California. A. E. Michelbacher.- The apparent climatic limitations of the alfalfa weevil in California. A. E. Michelbacher and J. Leighly. (Hilgardia [Calif. Sta.] vol. 13, no. 3, p. 81-139, illus. 1940.) Berkeley.
- Sweet-corn hybrids for canning and market. W. A. Huelsen. (Ill. Sta. Circ. 504, 20 p., illus. 1940.) Urbana.
- How to stop chinch bug losses. W. P. Flint, G. H. Dungan, and J. H. Bigger. (Ill. Sta. Circ. 505, 15 p., illus. 1940.) Urbana.
- Poultry equipment. H. H. Alp. (Ill. Sta. Circ. 506, 20 p., illus. 1940.) Urbana.
- Peony studies. E. R. Honeywell, F. C. Gaylord, and K. I. Fawcett. (Ind. Sta. Bul. 444, 47 p., illus. 1940.) Lafayette.
- Indiana stallion enrollment. Report of Stallion Enrollment Board for the year 1939 with lists of stallions and jacks enrolled. (Ind. Sta. Circ. 253, 44 p., illus. 1939.) Lafayette.
- Gladiolus culture in Iowa. L. C. Grove. (Iowa Sta. Bul. Pl2 (new ser.), p. 337-359, illus. 1940.) Ames.
- The organization and management of 95 dairy and cash crop farms in Androscoggin and Oxford counties, Maine. A. E. Watson and E. Rauchenstein. (Maine Sta. Bul. 398, 72 p., illus. 1940.) Orono.
- The spruce budworm in Minnesota. S. A. Graham and L. W. Orr. (Minn. Sta. Tech. Bul. 142, 27 p., illus. 1940.) University Farm, St. Paul.

- Registration, labeling, and inspection of commercial fertilizers; 1939. L. D. Haigh, E. W. Cowan, and L. L. Wiseman. (Mo. Sta. Bul. 417, 51 p. 1940.) Columbia.
- Growth and development with special reference to domestic animals. LI. Seasonal metabolic and endocrine rhythms in the domestic fowl. C. F. Winchester. (Mo. Sta. Res. Bul. 315, 52 p. 1940.) Columbia.
- Substitute spray materials II. C. G. Vinson and S. A. McCrory. (Mo. Sta. Res. Bul. 316, 14 p. 1940.) Columbia.
- Limberneck (botulism) in fowls. A. J. Durant. (Mo. Sta. Circ. 207, 6 p., illus. 1940.) Columbia.
- Growing gooseberries and currants. H. G. Swartwout. (Mo. Sta. Circ. 208, 12 p., illus. 1940.) Columbia.
- The Federal Seed Act and its relation to Montana farmers and dealers. Form of label prescribed for Montana. W. O. Whitcomb. (Mont. Sta. Circ. 156, 15 p. 1940.) Bozeman.
- Organization for agricultural research and problems under investigation. Forty-fifth annual report of the Montana Agricultural Experiment Station, July 1, 1937 to June 30, 1938. C. McKee. 61 p. [1940?] Bozeman.
- The potato flea beetle and the potato psyllid in Nebraska. M. H. Swenk and H. D. Tate. (Nebr. Sta. Bul. 327, 19 p., illus. 1940.) Lincoln.
- The influence of whole wheat, bran and shorts on body weight and feather growth in chicks. F. E. Mussehl, C. W. Ackerson, and M. J. Blish. (Nebr. Sta. Res. Bul. 119, 11 p. 1940.) Lincoln.
- Annual report Nevada Agricultural Experiment Station for the fiscal year ending June 30, 1939. S. B. Doten. 46 p., illus. 1940. Reno.
- A survey of variability in white clover (Trifolium repens L.) and its relation to pasture improvement. G. H. Ahlgren and H. B. Sprague. (N. J. Sta. Bul. 676, 42 p., illus. 1940.) New Brunswick.
- Comparative values of green manures and nitrate of soda as measured by the growth of small grains. A. W. Blair and A. L. Prince. (N. J. Sta. Bul. 677, 8 p. 1940.) New Brunswick.
- The warblers of New Jersey. Part II. The transient warblers. L. A. Hausman. (N. J. Sta. Bul. 678, 32 p., illus. 1940.) New Brunswick.
- Diseases of the gardenia. P. P. Pirone. (N. J. Sta. Bul. 679, 10 p., illus. 1940.) New Brunswick.
- B<sub>1</sub>, its use as a growth regulating substance for green plants. J. W. Shive. (N. J. Sta. Circ. 399, 7 p. 1940.) New Brunswick.



Factors in mixing rations for poultry. C. S. Platt. (N. J. Sta. Hints to Poultrymen, vol. 27, no. 4, 4 p. 1940.) New Brunswick.

Sixtieth annual report of the New Jersey State Agricultural Experiment Station and the fifty-second annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1939. W. H. Martin. 183 p. 1939. New Brunswick.

Ohio agricultural statistics, 1938. G. S. Ray, O. M. Frost, and P. P. Wall-rabenstein. (Ohio Sta. Bul. 612, 64 p. 1940.) Wooster.

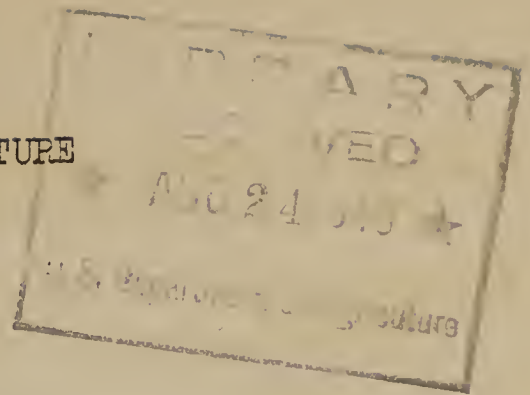
An improved ration for starting ring-necked pheasants. W. C. Skoglund. Pa. Sta. Bul. 389, 22 p., illus. 1940.) State College.

Poor germination of mechanically dehulled oats. N. I. Hancock. (Tenn. Sta. Circ. 67, 4 p., illus. 1940.) Knoxville.





1  
Gifford  
UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
WASHINGTON, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during July 1940

-----  
The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- 
- Rural property tax problems in Alabama. C. M. Clark (Ala. Sta. Bul. 247, 64 p. 1940.) Auburn.
- Control of the major pests of the satsuma orange in south Alabama. L. L. English and G. F. Turnipseed. (Ala. Sta. Bul. 248, 48 p., illus. 1940.) Auburn.
- Methods and rates of planting soybeans. C. K. McClelland. (Ark. Sta. Bul. 390, 18 p. 1940.) Fayetteville.
- Longevity of urediospores of crown rust of oats. H. R. Rosen and L. M. Weetman. (Ark. Sta. Bul. 391, 20. p. 1940.) Fayetteville.
- Manure experiments with vegetable crops in Arkansas. J. R. Cooper and V. M. Watts (Ark. Sta. Bul. 392, 40 p. 1940.) Fayetteville.
- Effects of interplanting legumes in corn. C. K. McClelland. (Ark. Sta. Bul. 393, 29 p. 1940.) Fayetteville.
- Restoring Colorado's range and abandoned croplands. E. W. Nelson and W. O. Shepherd. (Colo. Sta. Bul. 459, 31 p., illus. 1940.) Fort Collins.
- Colorado Farm Bulletin. (Colo. Sta. Colo. Farm Bul., vol. 2, no. 3, 19 p., illus. 1940.) Fort Collins.
- Connecticut state entomologist thirty-ninth report, 1939. R. B. Friend. (Conn. (State) Sta. Bul. 434, p. 210-322, illus. 1940.) New Haven.
- An economic study of land utilization in Kent county, Delaware. R. O. Bausman. (Del. Sta. Bul. 224, 99 p., illus., map. 1940.) Newark.
- Seasonal occurrence of tomato diseases in Florida. G. F. Weber and D. G. A. Kelbert. (Fla. Sta. Bul. 345, 36 p., illus. 1940.) Gainesville.
- Agricultural experiment station annual report for the fiscal year ending June 30, 1939. W. Newell et al. 195 p., illus. [1939] Gainesville.
- Microscopical studies of peanuts with reference to processing. J. G. Woodroof and J. F. Leahy. (Ga. Sta. Bul. 205, 39 p., illus. 1940.) Experiment.

- Sweet-corn inbreds and crosses released by the Illinois station. W. A. Huelsen. (Ill. Sta. Bul. 466, p. 279-355, illus. 1940.) Urbana.
- Electric motors for the farm. H. H. Beaty and W. A. Thomas. (Iowa Sta. Bul. P13 (new series)p. 361-390, illus. 1940.) Ames.
- Flora of Kansas. Annotated list of the plants of Kansas; ferns and flowering plants with maps showing distribution of species. F. C. Gates. (Kans. Sta. [unnumbered] 266 p., illus. 1940.) Manhattan.
- Kentucky white grubs. P. O. Ritcher. (Ky. Sta. Bul. 401, p. 71-157, illus. 1940.) Lexington.
- Reproductive efficiency in dairy cattle. F. E. Hull, W. W. Dimock, F. Ely, and H. B. Morrison. (Ky. Sta. Bul. 402, p. 159-188. 1940.) Lexington.
- A key to Kentucky soils. P. E. Karraker and W. S. Ligon. (Ky. Sta. Circ. 51, 36 p. 1940.) Lexington.
- The sugar cane farm; a social study of labor and tenancy. H. Hoffsommer. (La. Sta. Bul. 320, 67 p. 1940.) University.
- Factors affecting costs of milk production in southeastern Louisiana. J. N. Efferson and F. Merrick. (La. Sta. Bul. 321, 8 p. 1940.) University.
- Cephalosporium elm wilt in Massachusetts. H. A. McKenzie and E. M. Johnson. (Mass. Sta. Bul. 368, 24 p., illus. 1939.) Amherst.
- Annual report for the fiscal year ending November 30, 1939. F. J. Sievers et al. (Mass. Sta. Bul. 369, 104 p., illus. 1940.) Amherst.
- The McIntosh drop. L. Southwick. (Mass. Sta. Bul. 372, 19 p., illus. 1940.) Amherst.
- Foods and public health. J. E. Fuller. (Mass. Sta. Bul. 373, 16 p. 1940.) Amherst.
- Meteorological observations for June 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 618, 4 p. 1940.) Amherst.
- Agricultural production and types of farming in Minnesota. S. A. Engene and G. A. Pond. (Minn. Sta. Bul. 347, 70 p. illus. 1940.) University Farm, St. Paul.
- Statistical supplement agricultural production and types of farming in Minnesota. S. A. Engene and G. A. Pond. (Minn. Sta. Bul. 347, Sup., 23 p. 1940.) University Farm, St. Paul.
- Neutral versus acid fertilizer. J. L. Anthony, J. Pitner, and C. Dorman. (Miss. Sta. Bul. 338, 15 p. 1940.) State College.
- Corn varieties in Mississippi. C. R. Owen. (Miss. Sta. Bul. 339, 20 p., illus. 1940.) State College.



- The walnut caterpillar. L. Haseman. (Mo. Sta. Bul. 418, p., illus. 1940.)  
Columbia.
- The yield and composition of the milk of dairy cows and goats as influenced by thyroxine. N. P. Ralston, W. C. Cowser, A. C. Ragsdale, H. A. Herman, and C. W. Turner. (Mo. Sta. Res. Bul. 317, 75 p. 1940.) Columbia.
- The economic status of 436 families of Missouri clerical workers and wage earners. J. V. Coles and L. Hieser. (Mo. Sta. Res. Bul. 318, 80 p. 1940.) Columbia.
- Legumes, grasses, and cereal crops for silage. A. C. Ragsdale and H. A. Herman. (Mo. Sta. Circ. 209, 10 p., illus. 1940.) Columbia.
- Varieties of winter wheat in Nebraska. K. S. Quisenberry, O. J. Webster, and T. A. Kiesselbach. (Nebr. Sta. Bul. 326, 28 p., illus. 1940.) Lincoln.
- Varieties of oats, barley, and spring wheat in Nebraska. T. A. Kiesselbach, O. J. Webster, and K. S. Quisenberry. (Nebr. Sta. Bul. 328, p., illus. 1940.) Lincoln.
- Fifty-third annual report of the agricultural experiment station, 1939. W. W. Burr. 68 p. 1940.
- Purebred and crossbred pigs: comparison of rate of growth and economy of gains. F. B. Headley. (Nev. Sta. Bul. 153, 9 p., illus. 1940.) Reno.
- Agricultural research in New Hampshire. Annual report of the director of the New Hampshire agricultural experiment station for the year 1939. M. G. Eastman. (N. H. Sta. Bul. 319, 46 p. 1940.) Durham.
- Precipitation and evaporation in New Mexico. E. L. Hardy, J. C. Overpeck, and C. P. Wilson. (N. Mex. Sta. Bul. 269, 68 p., illus. 1939.) State College.
- Pinto bean improvement. G. N. Stroman, J. Carter, Jr., and J. C. Overpeck. (N. Mex. Sta. Bul. 270, 18 p., illus. 1940.) State College.
- Field-crop experiments at Las Vegas, 1937-1939. J. Carter, Jr. N. Mex. Sta. Bul. 271, 11 p., illus. 1940.) State College.
- An economic study of farming in Tompkins county, New York, 1937. P. A. Henderson. (N. Y. (Cornell) Sta. Bul. 728, 65 p., illus. 1940.) Ithaca.
- Experiments with new electric devices for pasteurizing soils. A. G. Newhall. (N. Y. (Cornell) Sta. Bul. 731, 38 p., illus. 1940.) Ithaca.
- Natural increase in the population of New York State. W. A. Anderson. (N. Y. (Cornell) Sta. Bul. 733, 22 p., illus. 1940.) Ithaca.
- The Morphology of the apple and other pome fruits. L. H. MacDaniels. (N. Y. (Cornell) Sta. Mem. 230, 32 p., illus. 1940.) Ithaca.

- Yellows-resistant varieties of cabbage suitable for New York state. O. A. Reinking and W. O. Gloyer. (N. Y. State Sta. Bul. 689, 28 p., illu. 1940.) Geneva.
- Freezing and storage of foods in freezing cabinets and locker plants. D. K. Tressler and C. W. DuBois. (N. Y. State Sta. Bul. 690, 60 p., illus. 1940.) Geneva.
- Experiments in orchard soil management: fertilizers, mulches, and cover crops. R. C. Collison, (N. Y. State Sta. Bul. 691, 37 p. 1940.) Geneva.
- The corn ear worm and its control. L. A. Carruth. (N. Y. State Sta. Circ. 190, 14 p., illus. 1940.) Geneva.
- Russian knapweed and perennial peppergrass. E. A. Helgeson. (N. Dak. Sta. Bul. 292, 26 p., illus. 1940.) Fargo.
- Investigations of the cause and prevention of perosis. R. Penquite, V. G. Heller, and R. B. Thompson. (Okla. Sta. Bul. 243, 18 p., illus. 1940.) Stillwater.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 13, no. 3, p. 49-76. 1940.) Stillwater.
- Paints and plasters for rammed earth walls. R. L. Patty. (S. Dak. Sta. Bul. 336, 39 p., illus. 1940.) Brookings.
- Proso millet and oats in poultry rations. W. O. Wilson and W. E. Poley. (S. Dak. Sta. Bul. 337, 31 p., illus. 1940.) Brookings.
- Basic trends of social change in South Dakota. VI. Education in transition. W. F. Kumlien. (S. Dak. Sta. Bul. 338, 47 p., illus. 1940.) Brookings.
- New hardy fruits for the Northwest. N. E. Hansen. (S. Dak. Sta. Bul. 339, 31 p., illus. 1940.) Brookings.
- Blister beetles and their control. G. I. Gilbertson, and W. R. Horsfall. (S. Dak. Sta. Bul. 340, 23 p., illus. 1940.) Brookings.
- How should the permanent school fund be managed? O. A. Holm. (S. Dak. Sta. Circ. 29, 19 p., illus. 1940.) Brookings.
- Grape production in Texas. E. Mortensen and U. A. Randolph. (Tex. Sta. Circ. 89, 26 p., illus. 1940.) College Station.
- Effect of lime on the nitrogen content of cow manure. A. R. Midgley and W. O. Mueller. (Vt. Sta. Bul. 456, 20 p., illus. 1940.) Burlington.
- The relation of bacteria and of oxygen to the flavor of milk susceptible to becoming oxidized. J. G. Leeder and E. O. Herreid. (Vt. Sta. Bul. 457, 15 p., illus. 1940.) Burlington.

Commercial feeding stuffs. L. S. Walker and E. F. Boyce. (Vt. Sta. Bul. 458, 46 p., illus. 1940.) Burlington.

The conservation of alfalfa, timothy and soybean nutrients as silages and as hays. J. A. Newlander, H. B. Ellenberger, O. M. Camburn, and C. H. Jones. (Vt. Sta. Bul. 459, 42 p. 1940.) Burlington.

The cause and nature of overliming injury. A. R. Midgley and D. E. Dunklee. (Vt. Sta. Bul. 460, 22 p., illus. 1940.) Burlington.

The dissolved gases in milk and dye reduction. J. M. Frayer. (Vt. Sta. Bul. 461, 32 p. 1940.) Burlington.

Wintering bees in Wyoming. C. H. Gilbert. (Wyo. Sta. Bul. 238, 15 p., illus. 1940.) Laramie.

The two-queen hive and commercial honey production. C. H. Gilbert. (Wyo. Sta. Bul. 239, 15 p., illus. 1940.) Laramie.





1  
E7  
621

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.

LIBRARY  
SEP 25 1940  
U. S. DEPARTMENT OF AGRICULTURE

LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during August 1940

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

Forty-ninth annual report, January 1 to December 31, 1938, of the agricultural experiment station of the Alabama Polytechnic Institute. M. J. Funchess. 29 p. [1939.]. Auburn.

Second annual report of the Arizona fertilizer control office, year ending December 31, 1939. W. T. McGeorge, E. O. Foster, and R. D. Taylor. (Ariz. Sta. Bul. 169, p. 127-133. 1940.) Tucson.

Fertilization of lettuce on alkaline-calcareous soils: soil and plant studies. W. T. McGeorge, M. F. Wharton, and T. A. Frazier. (Ariz. Sta. Tech. Bul. 85, p. 397-451. 1940.) Tucson.

Life history and ecology of the white-throated wood rat, Neotoma albigula albigula Hartley, in relation to grazing in Arizona. C. T. Vorhies and W. P. Taylor. (Ariz. Sta. Tech. Bul. 86, p. 453-529, illus. 1940.) Tucson.

University of Arizona, College of Agriculture, Agricultural Experiment Station, fiftieth annual report for the year ending June 30, 1939. P. S. Burgess. 102 p., illus. 1940.) Tucson.

Sickness and medical care among a rural bituminous coal-mining population of Arkansas. I. C. Wilson. (Ark. Sta. Bul. 394, 44 p. 1940.) Fayetteville.

Farm Storage and marketing of rough rice in Arkansas. O. J. Hall. (Ark. Sta. Bul. 395, 23 p. 1940.) Fayetteville.

Volume tables for some Arkansas hardwoods. R. D. Stevens. (Ark. Sta. Bul. 396, 46 p. 1940.) Fayetteville.

Land tenure in Arkansas. II. Change in labor organization on cotton farms. J. G. McNeely and G. T. Barton. (Ark. Sta. Bul. 397, 26 p. 1940.) Fayetteville.

School services in rural communities in Washington county. J. L. Charlton.  
(Ark. Sta. Bul. 398, 43 p. 1940.) Fayetteville.

Farm credit in Hempstead county. E. E. Sparlin. (Ark. Sta. Bul. 399, 24 p.  
1940.) Fayetteville.

Farm credit in Ashley county. E. E. Sparlin. (Ark. Sta. Bul. 400, 16 p.  
1940.) Fayetteville.

Factorial design in plant nutrition experiments in the greenhouse. C. H.  
Wadleigh and W. H. Tharp. (Ark. Sta. Bul. 401, 66 p. 1940.) Fayetteville.

Varietal and cultural experiments with corn. C. K. McClelland. (Ark. Sta. Bul.  
402, 31 p. 1940.) Fayetteville.

Rice variety experiments in Arkansas. M. Nelson and C. R. Adair. (Ark. Sta.  
Bul. 403, 28 p. 1940.) Fayetteville.

Hardwood resources and industries in Arkansas. H. Garland. (Ark. Sta. Bul.  
404, 50 p. 1940.) Fayetteville.

Nitrate concentration and ion balance in relation to citrus nutrition. H. D.  
Chapman and G. F. Liebig, Jr. (Hilgardia [Calif. Sta.], vol. 13, no. 4,  
p. 141-173, illus. 1940.) Berkeley.

The improvement of naturally cross-pollinated plants by selection in self-  
fertilized lines. III. Investigations with vegetatively propagated fruits.  
D. F. Jones and W. R. Singleton. (Conn. (State) Sta. Bul. 435, p. 325-347,  
illus. 1940.) New Haven.

Effect of ditching for mosquito control on the muskrat population of a Delaware  
tidewater marsh. L. A. Stearns, D. MacCreary, and F. C. Daigh. (Del. Sta.  
Bul. 225, 55 p., illus. 1940.) Newark.

Fifty-second annual report, Georgia Experiment Station, Experiment, Georgia, of  
the University system of Georgia, for the year 1939-40. H. P. Stuckey.  
93 p., illus. 1940.) Experiment.

Beef cattle feeding trials in Hawaii. L. A. Henke, S. H. Work, and A. W. Burt.  
(Hawaii Sta. Bul. 85, 37 p., illus. 1940.) Honolulu.

Methods of controlling the liver fluke of cattle in Hawaii. J. E. Alicata, L. E.  
Swanson, and G. W. H. Goo. (Hawaii Sta. Circ. 15, 23 p., illus. 1940.)  
Honolulu.

Vapor-heat treatment for fruits and vegetables grown in Hawaii. W. W. Jones.  
(Hawaii Sta. Circ. 16, 8 p. 1940.) Honolulu.

Factors affecting success of farm loans: a study of lending experience in seven  
counties in east-central Illinois, 1917-1933. J. Ackerman and L. J. Norton.  
(Ill. Sta. Bul. 468, p. 457-527. 1940.) Urbana.



- Silage from hay crops: making it - feeding it. S. T. Dexter and C. F. Huffman. (Mich. Sta. Circ. Bul. 173, 8 p., illus. 1940.) East Lansing.
- Self-feeding vs. hand-feeding fattening lambs and rations for self-feeding lambs. G. A. Brown and L. H. Blakeslee. (Mich. Sta. Spec. Bul. 303, 27 p., illus. 1940.) East Lansing.
- A study of some factors affecting the efficiency of Encarsia formosa Gahan, an aphelinid parasite of the greenhouse white fly, Trialeurodes vaporariorum (Westw.). H. E. Milliron. (Mich. Sta. Tech. Bul. 173, 23 p., illus. 1940.) East Lansing.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul., vol. 23, no. 1, p. 1-58, illus. 1940.) East Lansing.
- Brucellosis or Bang's disease of farm animals. C. P. Fitch and W. L. Boyd. (Minn. Sta. Bul. 348, 32 p., illus. 1940.) University Farm, St. Paul.
- Range improvement through conservation of flood waters: a report of progress. O. W. Monson and J. R. Quesenberry. (Mont. Sta. Bul. 380, 20 p., illus. 1940.) Bozeman.
- The quality and vitamin content of green peas when cooked or home-canned. J. E. Richardson and H. L. Mayfield. (Mont. Sta. Bul. 381, 19 p. 1940.) Bozeman.
- Peanut production. H. O. West. (Miss. Sta. Bul. 341, 63 p., illus. 1940.) State College.
- What the farm woman can do to improve the economic status of her family. D. Dickins. (Miss. Sta. Bul. 346, 18 p., illus. 1940.) State College.
- The effects of various feeds on the milk fat constants and on the flavor and texture of butter. F. H. Herzer, J. S. Moore, and W. C. Cowser. (Miss. Sta. Tech. Bul. 25, 62 p., illus. 1940.) State College.
- Sorghum production in Nebraska. R. L. Cushing, T. A. Kiesselbach, and O. J. Webster. (Nebr. Sta. Bul. 329, 58 p., illus. 1940.) Lincoln.
- Fifty-third annual report of the Nebraska agricultural experiment station, 1939. W. W. Burr. 68 p. 1940. Lincoln.
- Pasture top-dressing in New Hampshire. F. S. Prince, G. P. Percival, P. T. Blood, and P. N. Scripture. (N. H. Sta. Bul. 320, 24 p., illus. 1940.) Durham.
- Receipts and expenditures of rural New York counties. O. H. White. (N. Y. (Cornell) Sta. Bul. 729, 75 p., illus. 1940.) Ithaca.

Protein and vitamin supplements for growing and fattening pigs. J. P. Willman and F. B. Morrison. (N. Y. (Cornell) Sta. Bul. 730, 45 p., illus. 1940.) Ithaca.

The biology and control of the round-headed apple-tree borer, Saperda candida Fabricius. A. D. Hess. (N. Y. State Sta. Bul. 688, 93 p., illus. 1940.) Geneva.

Problems of rural youth in selected areas of North Dakota. D. G. Hay, J. P. Greenlaw, and L. E. Boyle. (N. Dak. Sta. Bul. 293, 67 p., illus. 1940.) State College Station, Fargo.

Farmers' cooperative marketing and purchasing associations in North Dakota. W. L. Ettesvold. (N. Dak. Sta. Bul. 294, 27 p., illus. 1940.) State College Station, Fargo.

Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 2, no. 6, 23 p., illus. 1940.) State College Station, Fargo.

Horticulture at the Ohio Agricultural Experiment Station, Wooster, Ohio. J. H. Gourley. (Ohio Sta. Spec. Circ. 60, 60 p., illus. 1940.) Wooster.

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 204, 205, p. 62-144, illus. 1940.) Wooster.

Soil moisture, root distribution and aeration as factors in nut production in western Oregon. C. E. Schuster and R. E. Stephenson. (Oreg. Sta. Bul. 372, 35 p. 1940.) Corvallis.

A set of utensils for the farm kitchen. M. Wilson and H. E. McCullough. (Oreg. Sta. Circ. 134, 31 p., illus. 1940.) Corvallis.

A lamp-type electric pig brooder. F. E. Price, A. W. Oliver, and I. Branton. (Oreg. Sta. Circ. 135, 4 p., illus. 1940.) Corvallis.

Forces influencing rural life: a study of a central Pennsylvania community. M. E. John. (Pa. Sta. Bul. 388, 28 p., illus. 1940.) State College.

The utilization of certain feeding stuffs by cattle. E. B. Forbes, J. W. Bratzler, and C. E. French. (Pa. Sta. Bul. 391, 14 p. 1940.) State College.

Fertilizer experiments with tomatoes, 1919-39. W. B. Mack, G. J. Stout, and E. M. Rahn. (Pa. Sta. Bul. 393, 28 p. 1940.) State College.

Coniferous forest plantings in central Pennsylvania. D. D. Stevenson and R. A. Bartoo. (Pa. Sta. Bul. 394, 20 p., illus. 1940.) State College.

Bone meal versus no bone meal in the dairy ration. S. I. Bechdel, P. S. Williams, J. F. Shigley, and A. A. Borland. (Pa. Sta. Bul. 395, 12 p. (1940.) State College.



- Dehydrated and sun-cured hay. S. I. Bechdel, A. W. Clyde, C. O. Cromer, and P. S. Williams. (Pa. Sta. Bul. 396, 24 p., illus. 1940.) State College.
- Soybean oilmeal for growing lambs. T. B. Keith, R. C. Miller, and W. L. Henning. (Pa. Sta. Bul. 397, 18 p., illus. 1940.) State College.
- Soil testing: operation, interpretation and application. F. G. Merkle. (Pa. Sta. Bul. 398, 34 p., illus. 1940.) State College.
- Fifty-second annual report, Rhode Island State College, Agricultural Experiment Station for the fiscal year ending June 30, 1939. B. E. Gilbert. 1940. Kingston.
- Composition and characteristics of the population of rural relief households in South Carolina. B. O. Williams and W. S. Crawford. (S. C. Sta. Bul. 326, 32 p., illus. 1940.) Clemson.
- Short-term credit for agricultural production in South Carolina. W. T. Ferrier. (S. C. Sta. Bul. 327, 40 p., illus. 1940.) Clemson.
- Sharecroppers and wage laborers on selected farms in two counties in South Carolina. E. J. Holcomb and G. H. Aull. (S. C. Sta. Bul. 328, 70 p., illus. 1940.) Clemson.
- Biochemical and nutritional studies of dehydrated sweet potato. E. J. Lease and J. E. Mitchell. (S. C. Sta. Bul. 329, 15 p., illus. 1940.) Clemson.
- Planning minimum sized farms for the Beadle county area in central South Dakota. J. L. Paschal, A. G. Nelson, and O. Rogeness. (S. Dak. Sta. Bul. 341, 63 p., illus. 1940.) Brookings.
- Spring wheat varieties in South Dakota. S. P. Swenson. (S. Dak. Sta. Bul. 342, 55 p., illus. 1940.) Brookings.
- Farm performance in north central South Dakota, 1930-1939. M. Meyers. (S. Dak. Sta. Bul. 343, 55 p., illus. 1940.) Brookings.
- Development of the Wotail sheep. J. W. Wilson. (S. Dak. Sta. Circ. 28, 22 p., illus. 1940.) Brookings.
- Remodeling used machinery for tractor farming: two-binder hitch and windrower. L. F. Larsen. (S. Dak. Sta. Circ. 30, 15 p., illus. 1940.) Brookings.
- Elements of life: a study of the effect of mineral differences on soils, on plants, on animals, on living conditions. (Tenn. Sta. Pop. Bul. 1, 19 p., illus. 1940.) Knoxville.



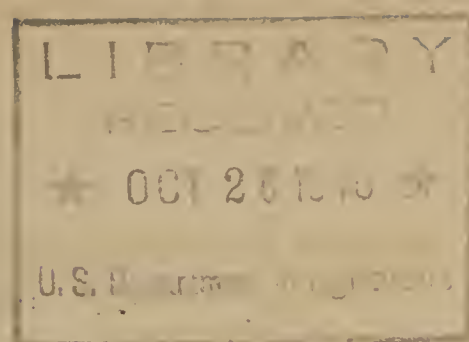
Abstracts of bulletins 567-580, circulars 83-85, and other publications during 1939. A. D. Jackson. (Tex. Sta. Circ. 88, 47 p. 1940.) College Station.

Cost of transporting milk and cream to Boston. L. T. Sonley. (Vt. Sta. Bul. 462, 56 p., illus. 1940.) Burlington.

Salinity conditions in the Big Horn river during the years 1938 and 1939. T. J. Dunnewald. (Wyo. Sta. Bul. 240, 28 p., illus. 1940.) Laramie.

Livestock poisoning by oat hay and other plants containing nitrate. W. B. Bradley, H. F. Eppson, and O. A. Beath. (Wyo. Sta. Bul. 241, 20 p., illus. 1940.) Laramie.

1  
6464  
UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during September 1940

-----  
The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- 
- Natural land divisions of Santa Cruz county, California: their utilization and adaptation. R. E. Storie. (Calif. Sta. Bul. 633, 56 p., illus. 1940.) Berkeley.
- Flax-management practices in Imperial Valley, with world statistics. W. Sullivan, H. L. Landerman, and G. A. Carpenter. (Calif. Sta. Bul. 641, 38 p. 1940.) Berkeley.
- Possibilities for cattle income. R. T. Burdick. (Colo. Sta. Bul. 460, 37 p., illus. 1940.) Fort Collins.
- Commercial feeding stuffs, report on inspection, 1939. E. H. Bailey. (Conn. (State) Sta. Bul. 436, p. 349-450.) New Haven.
- Twenty-five years of Illinois crop costs, 1913-1937. R. H. Wilcox and H. C. M. Case. (Ill. Sta. Bul. 467, p. 357-455, illus. 1940.) Urbana.
- Bramble fruits: raspberries, blackberries, and dewberries. A. S. Colby, H. W. Anderson, and W. P. Flint. (Ill. Sta. Circ. 508, 72 p., illus. 1940.) Urbana.
- Protecting shade trees from insect damage. W. P. Flint and H. D. Farrar. (Ill. Sta. Circ. 509, 59 p., illus. 1940.) Urbana.
- Prices of beef cattle. L. Robertson and H. P. Mitchell. (Ind. Sta. Bul. 445, 22 p., illus. 1940.) Lafayette.
- Transportation of farm products in central Indiana by commercial truckers. C. H. Hardin and H. K. Cowden. (Ind. Sta. Bul. 446, 34 p., illus. 1940.) Lafayette.
- Experiments with electric water heaters for dairy farms. (Ind. Sta. Bul. 447, 12 p., illus. 1940.) Lafayette.



- Levels of protein in rations for young turkeys. R. E. Roberts. (Ind. Sta. Bul. 448, 24 p., illus. 1940.) Lafayette.
- Bacteriological studies on the cleaning of milking machines. E. H. Parfitt. (Ind. Sta. Bul. 449, 7 p. 1940.) Lafayette.
- Relation of character of farming units to land management in two townships in Indiana. J. R. Hays. (Ind. Sta. Bul. 450, 20 p., illus. 1940.) Lafayette.
- The zinnia (state flower of Indiana). E. R. Honeywell. (Ind. Sta. Circ. 254, 16 p., illus. 1940.) Lafayette.
- Commercial feeding stuffs. H. R. Kraybill. (Ind. Sta. Circ. 255, 42 p., illus. 1940.) Lafayette.
- Fifty-second annual report of Purdue University Agricultural Experiment Station, Lafayette, Indiana, for the year ending June 30, 1939. H. J. Reed. 142 p., illus. [1940] Lafayette.
- A comparison of hard red winter and hard red spring wheats. R. K. Larmour. (Kans. Sta. Bul. 289, 57 p., illus. 1940.) Manhattan.
- Thirty years of farm prices and production in Kentucky: a compilation of available statistics. A. J. Brown and D. G. Card. (Ky. Sta. Bul. 403, p. 189-288. 1940.) Lexington.
- Biochemical and serological studies of microorganisms of the Salmonella cholerae-suis group. D. W. Bruner and P. R. Edwards. (Ky. Sta. Bul. 404, p. 289-303. 1940.) Lexington.
- Variations in farm income and family living in Robertson county. J. H. Bondurant and M. H. Tharp. (Ky. Sta. Bul. 405, p. 305-332, illus. 1940.) Lexington.
- Cost of curing white Burley tobacco with artificial heat. G. B. Byers. (Ky. Sta. Bul. 406, p. 333-351. 1940.) Lexington.
- Commercial fertilizers in Kentucky in 1939. H. E. Curtis, J. D. Turner, H. R. Allen, and L. Gault. (Ky. Sta. Regulatory Ser. Bul. 22, 55 p. 1940.) Lexington.
- Recipes, utilization, and prices of milk and cream in Maine milk control areas. G. F. Dow. (Maine Sta. Bul. 399, p. 73-183, illus. 1940.) Orono.
- Transmissible fowl leukosis: a review of the literature. C. Olson, Jr. (Mass. Sta. Bul. 370, 48 p. 1940.) Amherst.
- Twentieth annual report on eradication of pullorum disease in Massachusetts, 1939-1940. (Mass. Sta. Control Ser. Bul. 103, 13 p. 1940.) Amherst.
- Meteorological observations for August 1940. C. I. Gunness. (Mass. Sta. Met. Ser. Bul. 620, 4 p. 1940.) Amherst.

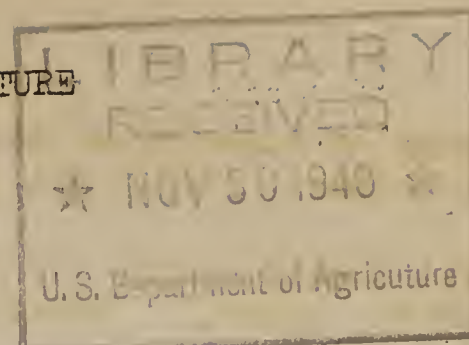


- Uncollected property taxes in Montana: an analysis of the amount, growth, causes, and means of reducing Montana property tax delinquency with special emphasis on rural property. R. R. Renne and O. H. Brownlee. (Mont. Sta. Bul. 382, 39 p., illus. 1940.) Bozeman.
- The utilization of food elements by growing chicks. IX. The nitrogen of urea. C. W. Ackerson, W. E. Ham, and F. E. Mussehl. (Nebr. Sta. Res. Bul. 120, 7 p. 1940.) Lincoln.
- Cottonseed meal, hegari, and alfalfa hay for the fattening of lambs. P. E. Neale. (N. Mex. Sta. Bul. 272, 14 p., illus. 1940.) State College.
- An analysis of dealers' sales of milk and cream in the New York market, 1933-38. C. J. Blanford. (N. Y. (Cornell) Sta. Bul. 735, 24 p., illus. 1940.) Ithaca.
- The incubation test as an indication of the keeping quality of butter. H. B. Naylor and E. S. Guthrie. (N. Y. (Cornell) Sta. Bul. 739, 19 p., illus. 1940.) Ithaca.
- Analyzing data for relationships. F. A. Harper. (N. Y. (Cornell) Sta. Mem. 231, 14 p. 1940.) Ithaca.
- The cranberry rootworm as an apple pest. S. W. Harman. (N. Y. State Sta. Bul. 692, 11 p., illus. 1940.) Geneva.
- Factors affecting the quality of limburger cheese made from pasteurized milk. M. W. Yale. (N. Y. State Sta. Tech. Bul. 253, 23 p., illus. 1940.) Geneva.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 3, no. 1, 23 p., illus. 1940.) State College Station, Fargo.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 25, no. 206, p. 145-154, illus. 1940.) Wooster.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 13, no. 4, p. 77-106. 1940.) Stillwater.
- House planning ideas of Oregon rural women. M. Wilson and L. Wells. (Oreg. Sta. Bul. 369, 28 p. 1940.) Corvallis.
- Fattening lambs on Oregon feedstuffs. D. E. Richards. (Oreg. Sta. Bul. 370, 24 p., illus. 1940.) Corvallis.
- Rural tax delinquency study of the state of Oregon. W. H. Dreesen. (Oreg. Sta. Bul. 371, 21 p. 1940.) Corvallis.

- The biology and control of wireworms: review of literature. C. A. Thomas. (Pa. Sta. Bul. 392, 90 p., 1940.) State College.
- Depth of plowing and crop yields. A. N. Hume. (S. Dak. Sta. Bul. 344, 22 p., illus. 1940.) Brookings.
- Tennessee Supreme strawberry. L. A. Fister and B. D. Drain. (Tenn. Sta. Circ. 68, 4 p., illus. 1940.) Knoxville.
- Composition and utilization of range vegetation of Sutton and Edwards counties. G. S. Fraps and V. L. Cory. (Tex. Sta. Bul. 586, 39 p. 1940.) College Station.
- Water and soil conservation experiments at Spur, Texas. R. E. Dickson, B. C. Langley, and C. E. Fisher. (Tex. Sta. Bul. 587, 67 p., illus. 1940.) College Station.
- Farm and home science. (Utah Sta. Farm and Home Sci., vol. 1, no. 3, 12 p., illus. 1940.) Logan.
- Fifty-third annual report, 1939-1940, Vermont Agricultural Experiment Station. J. L. Hills. (Vt. Sta. Bul. 463, 31 p. 1940.) Burlington.
- A study of electric roasters. P. B. Potter and E. C. Neale. (Va. Sta. Bul. 325, 30 p., illus. 1940.) Blacksburg.
- Cull apples for dairy cows. A. D. Pratt and C. W. Holdaway. (Va. Sta. Bul. 326, 8 p. 1940.) Blacksburg.
- An analysis of peanut-cotton-hog farm businesses in a depression year. T. L. Underwood. (Va. Sta. Tech. Bul. 67, 103 p. 1940.) Blacksburg.
- Analytical index and list of publications of the Virginia Agricultural Experiment Station, 1888-1938. Compiled by A. P. Cunningham and J. D. Obenshain. 118 p. 1938. Blacksburg.
- Making white and whole wheat bread with three types of yeast and hard wheat flour. E. J. Thiessen. (Wyo. Sta. Bul. 242, 32 p., illus. 1940.) Laramie.



1  
G. H. L. 100  
UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during October 1940

-----  
The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----  
The groundwater supply of the Eloy district in Pinal County, Arizona. G. E. P. Smith. (Ariz. Sta. Tech. Bul. 87, 42 p. 1940.) Tucson.

Commercial production of table wines. M. A. Amerine and M. A. Joslyn. (Calif. Sta. Bul. 639, 143 p. 1940.) Berkeley.

Colorado Farm Bulletin. (Colo. Sta. Farm Bul. vol. II, no. 4, 15 p. 1940.) Fort Collins.

The forty-fourth report on food products and the thirty-second report on drug products, 1939. E. M. Bailey. (Conn. (State) Bul. 437, p. 453-486. 1940. New Haven.

A new method for the detection of neutralized cream, including a comparison with other methods. D. J. Hankinson and E. O. Anderson. (Conn. (Storrs) Bul. 234, 73 p. 1939.) Storrs.

Resin residue emulsion as a sticker for lead arsenate in horticultural sprays. R. L. Pierpont. (Del. Sta. Bul. 221, 35 p. 1939.) Newark.

Relative effect upon peach production of nitrogen derived from certain fertilizer sources. C. A. McCue. (Del. Sta. Bul. 222, 8 p. 1940.) Newark.

Report on the Tabanidae of Delaware. D. MacCreary. (Del. Sta. Bul. 226, 41 p. 1940.) Newark.

Improved methods of tomato production in Georgia. H. L. Cochran. (Ga. Sta. Bul. 206, 34 p. 1940.) Experiment.

Report of progress in solving Idaho's farm problems: Forty-seventh annual report for the year ending December 31, 1939. E. J. Iddings et al. (Idaho Sta. Bul. 236, 75 p. 1940.) Moscow.



- A study of horseradish diseases and their control. K. J. Kadow and H. W. Anderson. (Ill. Sta. Bul. 469, p. 530-583. 1940.) Urbana.
- DeWitt County soils. G. D. Smith and L. H. Smith. (Ill. Sta. Soil Rpt. 67, 28 p. 1940.) Urbana.
- Jasper County soils. R. S. Smith and L. H. Smith. (Ill. Sta. Soil Rpt. 68, 27 p. 1940.) Urbana.
- Cumberland County soils. R. S. Smith and L. H. Smith. (Ill. Sta. Soil Rpt. 69, 39 p. 1940.) Urbana.
- Commercial fertilizers. H. R. Kraybill et al. (Ind. Sta. Circ. 256, 88 p. 1940.) Lafayette.
- House plants. J. B. Wingert. (Iowa Sta. Bul. Pl4 (new ser.), p. 394-432. 1940.) Ames.
- Sweet corn hybrids. E. S. Haber. (Iowa Sta. Bul. Pl5 (new ser.), p. 435-468. 1940.) Ames.
- Capons in Iowa. R. E. Phillips and A. D. Oderkirk. (Iowa Sta. Bul. Pl6 (new ser.) p. 470-490. 1940.) Ames.
- An experiment in pre-harvest sampling of wheat fields. A. J. King and E. H. Jobe. (Iowa Sta. Res. Bul. 273, p. 623-649. 1940.) Ames.
- An inhibitor produced by *Diplodia zeae* (Schw.) Lévy. G. C. Kent. (Iowa Sta. Res. Bul. 274, p. 654-671. 1940.) Ames.
- Dairy and hog farming in northeastern Iowa. R. K. Buck, J. A. Hopkins, and C. C. Malone. (Iowa Sta. Res. Bul. 275, p. 674-718. 1940.) Ames.
- Cooperation in grain marketing in Iowa. F. Robotka and R. C. Bentley. (Iowa Sta. Res. Bul. 276, p. 722-756. 1940.) Ames.
- The great horned owl and its prey in north-central United States. P. L. Errington, F. Hamerstrom, and F. N. Hamerstrom, Jr. (Iowa Sta. Res. Bul. 277, p. 758-850. 1940.) Ames.
- The physical and chemical characteristics of lards and other fats in relation to their culinary value: III, For frying purposes. B. Lowe, P. M. Nelson, and J. H. Buchanan. (Iowa Sta. Res. Bul. 279, p. 878-926. 1940.) Ames.
- Soil Survey of Iowa: Franklin County soils. R. W. Simonson, T. H. Benton, and H. R. Meldrum. (Iowa Sta. Soil Rpt. 79, 84 p. 1940.) Ames.
- Publication list: Publications available from the agricultural experiment station. (Kans. Sta. Circ. 202, 4 p. 1940.) Manhattan.

- The effect of temperature and relative humidity during and after curing, upon the quality of white Burley tobacco. R. N. Jeffrey. (Ky. Sta. Bul. 407, p. 353-383. 1940.) Lexington.
- Distillery slop for hogs. E. J. Wilford. (Ky. Sta. Bul. 408, p. 385-399. 1940.) Lexington.
- Seasonal movements in prices and sales of Burley tobacco. D. G. Card and C. M. Clark. (Ky. Sta. Bul. 409, p. 401-485. 1940.) Lexington.
- Inspection, certification, and transportation of nursery stock in Kentucky with a brief report for the year ended June 30, 1940. W. A. Price and H. G. Tilson. (Ky. Sta. Regulatory Ser. Bul. 23, 20 p. 1940.)
- Commercial feeds in Kentucky in 1939. J. D. Turner et al. (Ky. Sta. Regulatory Ser. Bul. 24, 50 p. 1940.) Lexington.
- Seed inspection in Kentucky, 1939-1940. W. A. Price et al. (Ky. Sta. Regulatory Ser. Bul. 25, 32 p. 1940.) Lexington.
- Growing winter legumes in Louisiana. F. L. Davis, C. G. Hobgood, and C. A. Brewer, Jr. (La. Sta. Bul. 318, 28 p. 1940.) University.
- The situation and prospects of the population in the Black River settlement, Louisiana. T. L. Smith and S. E. Grigsby. (La. Sta. Bul. 319, 42 p. 1940.) University.
- Economic utilization of rural land resources in Beauregard Parish, Louisiana. B. M. Gile. (La. Sta. Bul. 322, 35 p. 1940.) University.
- Entomological progress, number 2. Assembled by C. O. Eddy. (La. Sta. Bul. 323, 51 p. 1940.) University.
- Prices and production of Louisiana farm products, 1910-1939. J. N. Efferson. (La. Sta. Bul. 324, 44 p. 1940.) University.
- An economic study of dairy farms in the Kentwood area of southeastern Louisiana, 1937-38. J. N. Efferson and F. Merrick. (La. Sta. Bul. 325, 28 p. 1940.) University.
- Types of farming in Maryland. A. B. Hamilton and T. D. Johnson. (Md. Sta. Bul. 432, p. 217-271. 1940.) College Park.
- Potato disease control studies on the Maryland Eastern Shore. R. A. Jehle. (Md. Sta. Bul. 433, p. 273-316. 1940.) College Park.
- Marketing farm products through community auctions. P. R. Poffenberger and S. H. DeVault. (Md. Sta. Bul. 434, p. 317-349. 1940.) College Park.



- Measuring inequalities in farm property assessments in Maryland. W. P. Walker and E. E. Miller. (Md. Sta. Bul. 435, 40 p. 1940.) College Park.
- Meteorological observations for April, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 616, 4 p. 1940,) Amherst.
- Meteorological observations for May, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 617, 4 p. 1940.) Amherst.
- Meteorological observations for July, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 619, 4 p. 1940.) Amherst.
- Meteorological observations for September, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 621, 4 p. 1940.) Amherst.
- Floor finishes. C. H. Jefferson. (Mich. Sta. Circ. 172, 22 p. 1940.) East Lansing.
- Sugar beet culture in Minnesota. J. O. Culbertson. (Minn. Sta. Bul. 349, 24 p. 1940.) University Farm, St. Paul.
- Profit from \$100 spent for cotton fertilizer, a summary of experimental data on the effect of analyses and rates of fertilizer on profits obtained in hill sections of Mississippi. W. B. Andrews. (Miss. Sta. Bul. 342, 19 p. 1940.) State College.
- The place of dairying in Mississippi agriculture. J. S. Moore and W. C. Cowser. (Miss. Sta. Bul. 343, 19 p. 1940.) State College.
- Legumes for crop production in the Yazoo-Mississippi Delta. R. Kuykendall. (Miss. Sta. Bul. 345, 27 p. 1940.) State College.
- Studies in nutritional anemia. O. Sheets and M. V. Ward. (Miss. Sta. Tech. Bul. 26, 35 p. 1940.) State College.
- The land-grant college movement. F. B. Mumford. (Mo. Sta. Bul. 419, 140 p. 1940.) Columbia.
- Modern trends in the retail ice cream store. R. J. Cooley and W. H. E. Reid. (Mo. Sta. Bul. 420, 23 p. 1940.) Columbia.
- The effect of standardizing the acidity in the manufacturing of cottage cheese and cultured buttermilk. L. E. Mull, W. H. E. Reid, and W. S. Arbuckle. (Mo. Sta. Res. Bul. 319, 36 p. 1940.) Columbia.
- A microscopic and statistical analysis of texture and structure of ice cream as affected by composition, physical properties, and processing methods. W. S. Arbuckle. (Mo. Sta. Res. Bul. 320, 48 p. 1940.) Columbia.



- Inadequacy of the concentrates commonly used in swine feeding. A. G. Hogan and S. R. Johnson. (Mo. Sta. Res. Bul. 321, 20 p. 1940.) Columbia.
- Cooling, storage, and transportation of milk and cream. P. A. Downs and F. D. Yung. (Nebr. Sta. Circ. 65, 20 p. [1940.]) Lincoln.
- Possibilities and limitations in the use of irrigated land for forage production in northeastern Nevada... C. E. Fleming and C. A. Brennen. (Nev. Sta. Bul. 154, 34 p. 1940.) Reno.
- Markets and prices for New Hampshire berries. L. A. Dougherty. (N. H. Sta. Bul. 321, 52 p. 1940.) Durham.
- Farm organization and management in the Colebrook area. H. C. Woodworth and A. Hangas. (N. H. Sta. Bul. 322, 40 p. 1940.) Durham.
- Studies in economics of apple orcharding: III, A study of orchard problems by the budget method of analysis. H. C. Woodworth and G. F. Potter. (N. H. Sta. Bul. 323, 23 p. 1940.) Durham.
- Experiment with potatoes. F. S. Prince, P. T. Blood, W. H. Coates, and T. G. Phillips. (N. H. Sta. Bul. 324, 38 p. 1940.) Durham.
- Transportation of New Hampshire milk: II, Reorganization of truck routes. A. MacLeod. (N. H. Sta. Bul. 325, 23 p. 1940.) Durham.
- Studies of pasture management. M. F. Abell. (N. H. Sta. Bul. 326, 24 p. 1940.) Durham.
- Studies of contact insecticides: XIV, Penetration of certain liquids through the pronotum of the American roach. W. C. O'Kane, L. C. Glover, R. L. Blickle, and B. M. Parker. (N. H. Sta. Tech. Bul. 74, 16 p. 1940.) Durham.
- Peat and its uses. S. A. Waksman. (N. J. Sta. Bul. 681, 11 p. 1940.) New Brunswick.
- The population of New Mexico, its composition and changes. S. Johansen. (N. Mex. Sta. Bul. 273, 56 p. 1940.) State College.
- Use of time in its relation to home management. J. Warren. (N. Y. (Cornell) Sta. Bul. 734, 98 p. 1940.) Ithaca.
- Selective factors in migration from a New York rural community. A. A. Gessner. (N. Y. (Cornell) Sta. Bul. 736, 55 p. 1940.) Ithaca.
- Some facts concerning country fruit and vegetable auctions in eastern seaboard states. E. W. Cake. (N. Y. (Cornell) Sta. Bul. 737, 51 p. 1940.) Ithaca.

- Biology and control of the wheat wireworm, Agriotes mancus Say. W. A. Rawlins.  
(N. Y. (Cornell) Sta. Bul. 738, 30 p. 1940.) Ithaca.
- Uninfected elm wood as a source of the bark beetle (Scolytus multistriatus Marsham) carrying the Dutch elm disease pathogen. D. L. Collins, K. G. Parker, and H. Dietrich. (N. Y. (Cornell) Sta. Bul. 740, 14 p. 1940.) Ithaca.
- The relation between quality and chemical composition of canned sauerkraut. C. S. Pederson. (N. Y. State Sta. Bul. 693, 15 p. 1940.) Geneva.
- A comparison of new improved Semesan Bel and different strengths of yellow oxide of mercury as materials for treating seed potatoes under Long Island conditions. H. S. Cunningham. (N. Y. State Sta. Bul. 694, 13 p. 1940.) Geneva.
- Non-arsenical dusts for cauliflower and cabbage worm control on Long Island. H. C. Hockett. (N. Y. State Sta. Bul. 695, 58 p. 1940.) Geneva.
- Lawn experiments. F. A. Welton and J. C. Carroll. (Ohio Sta. Bul. 613, 43 p. 1940.) Wooster.
- The Ohio farmer and his milk market. C. G. McBride. (Ohio Sta. Bul. 614, 50 p. 1940.) Wooster.
- Ohio potato diseases. P. E. Tilford. (Ohio Sta. Bul. 615, 35 p. 1940.) Wooster.
- Legal aspects of landlord-tenant relationships in Oklahoma. W. J. Coleman and H. A. Hockley. (Okla. Sta. Bul. 241, 47 p. 1940.) Stillwater.
- Feeding laying hens. R. Penquite and R. B. Thompson. (Okla. Sta. Bul. 244, 16 p. 1940.) Stillwater.
- Vacuum pasteurization of cream for butter. G. H. Wilster. (Oreg. Sta. Bul. 368, 48 p. 1940.) Corvallis.
- Possibilities of rural zoning in South Dakota, a study in Corson County. R. J. Penn, W. F. Musbach, and W. C. Clark. (S. Dak. Sta. Bul. 345, 23 p. 1940.) Brookings.
- Legume silage as a poultry feed. P. W. Allen, M. Jacob, N. O. Sjölander, and J. A. McBee. (Tenn. Sta. Bul. 172, 23 p. 1940.) Knoxville.
- A comparison of shelled corn, ground shelled corn, and ground snapped corn for winter-finishing baby beeves. M. Jacob, H. R. Duncan, L. R. Neel, and B. P. Hazlewood. (Tenn. Sta. Circ. 69, 4 p. 1940.) Knoxville.
- Tennessee Autumn red raspberry. B. D. Drain. (Tenn. Sta. Circ. 70, 4 p. 1940.) Knoxville.



Values of various protein feeds for growing chicks. R. M. Sherwood and J. R. Couch. (Tex. Sta. Bul. 588, 20 p. 1940.) College Station.

Metabolizable energy of some chicken feeds. G. S. Fraps, E. C. Carlyle, and J. F. Fudge. (Tex. Sta. Bul. 589, 23 p. 1940.) College Station.

Distribution and variation of pocket gophers (genus Geomys) in the southwestern United States. W. B. Davis. (Tex. Sta. Bul. 590, 38 p. 1940.) College Station.

A population study of the gray squirrel in eastern Texas. P. D. Goodrum. (Tex. Sta. Bul. 591, 34 p. 1940.) College Station.

Bob-white populations as affected by woodland management in eastern Texas. D. W. Lay. (Tex. Sta. Bul. 592, 37 p. 1940.) College Station.

Rose growing for the home gardener. J. C. Ratsek. (Tex. Sta. Circ. 90, 27 p. 1940.) College Station.

Effects of feeding ewe lambs during their first winter. A. C. Esplin, M. A. Madsen, and R. W. Phillips. (Utah Sta. Bul. 292, 12 p. 1940.) Logan.

Commercial fertilizers; pastures and plant food. L. S. Walker, E. F. Boyce, and H. J. Cannon. (Vt. Sta. Bul. 464, 31 p. 1940.) Burlington.

Price variations among retail grocery stores of Burlington, Vermont. D. D. Nuetzman and M. Muse. (Vt. Sta. Bul. 466, 40 p. 1940.) Burlington.

Economics of flue-cured tobacco farming. W. L. Gibson, Jr. (Va. Sta. Tech. Bul. 66, 135 p. 1940.) Blacksburg.

Gross value of protein supplements for poultry. E. I. Robertson, J. S. Carver, and J. W. Cook. (Wash. Sta. Bul. 388, 22 p. 1940.) Pullman.

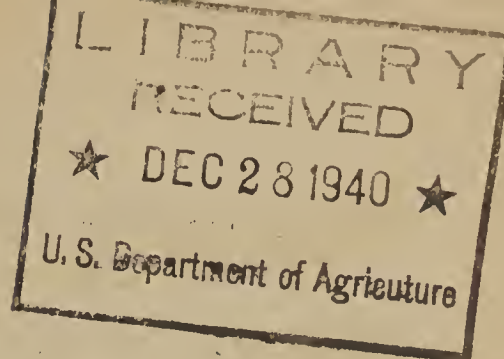
The influence of alfalfa on the abundance of the pea aphid on peas grown for canning in southeastern Washington. R. D. Eichmann and R. L. Webster. (Wash. Sta. Bul. 389, 36 p. 1940.) Pullman.





1  
Ex 6 Li  
reg.

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during November 1940

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

Investigations in the sulfuring of fruits for drying. J. D. Long, E. M. Mrak, and C. D. Fisher. (Calif. Sta. Bul. 636, 56 p. 1940.) Berkeley.

Operation of orchard heaters. R. A. Kepner. (Calif. Sta. Bul. 643, 32 p. 1940.) Berkeley.

Developmental anatomy of the fleshy storage organ of Daucus carota. K. Esau.- Structure of end walls in differentiating vessels. K. Esau and W. B. Hewitt.- Comparative histogenesis of vegetative and floral apices in Amygdalus communis, with special reference to the carpel. R. M. Brooks. (Hilgardia [Calif. Sta.], vol. 13, no. 5, p. 175-306. 1940.) Berkeley.

Recent contributions of insect physiology to insect toxicology and control. W. M. Hoskins. (Hilgardia [Calif. Sta.], vol. 13, no. 6, p. 307-386. 1940.) Berkeley.

Annual report for the year ending October 31, 1939. W. L. Slate. (Conn. (State) Sta. Bul. 438, p. 489-551. 1940) New Haven.

Enzootic bronchopneumonia of dairy calves. D. A. Sanders. (Fla. Sta. Bul. 346, 11 p. 1940.) Gainesville.

Bacterial soft rot of potatoes in southern Florida. G. D. Ruehle. (Fla. Sta. Bul. 348, 36 p. 1940.) Gainesville.

Melanose of citrus and its commercial control. G. D. Ruehle and W. A. Kuntz. (Fla. Sta. Bul. 349, 54 p. 1940.) Gainesville.

Permanent pastures. R. P. Bledsoe and O. E. Sell. (Ga. Sta. Bul. 207, 51 p. 1940.) Experiment.

Flax production in Georgia. R. P. Bledsoe and C. D. Thornton. (Ga. Sta. Circ. 123, 7 p. 1940.) Experiment.

Immunization against pox in domestic fowl. R. Graham and C. A. Brandly. (Ill. Sta. Bul. 470, 76 p. 1940.) Urbana.

- Farm leases for Illinois, including father-son agreements. H. C. M. Case and Joseph Ackerman. (Ill. Sta. Circ. 503, 56 p. 1940.) Urbana.
- Asparagus, its planting, care, and management. L. A. Somers. (Ill. Sta. Circ. 507, 35 p. 1940.) Urbana.
- How to prepare fruits and vegetables for freezer storage, and how to use them. H. Klaas and S. Woodruff. (Ill. Ext. Circ. 510, 20 p. 1940.) Urbana. Published in Station series.
- The biology of six species of cockroaches which inhabit buildings. G. E. Gould and H. O. Day. (Ind. Sta. Bul. 451, 31 p. 1940.) Lafayette.
- Importance of different farm management factors under varying price conditions in northwestern Indiana (type-of-farming area no. 1). L. Robertson. (Ind. Sta. Bul. 452, 16 p. 1940.) Lafayette.
- Tomato diseases in Indiana. R. W. Samson and H. R. Thomas. (Ind. Sta. Circ. 257, 35 p. 1940.) Lafayette.
- The analysis of lattice and triple lattice experiments in corn varietal tests: I, Construction and numerical analysis. G. M. Cox and R. C. Eckhardt.- II, Mathematical theory. W. G. Cochran. (Iowa Sta. Res. Bul. 281, 66 p. 1940.) Ames.
- Ponds for farm water supply. J. B. Davidson and C. H. Van Vlack. (Iowa Sta. Bul. P17, p. 494-508. 1940.) Ames.
- Power alcohol from farm products, its chemistry, engineering and economics. G. Shepherd et al. (Iowa Sta. Cont. from Iowa Corn Res. Inst., vol. 1, no. 3, p. 283-375. 1940.) Ames.
- Deferred grazing of bluestem pastures. K. L. Anderson. (Kans. Sta. Bul. 291, 27 p. 1940.) Manhattan.
- Transference of Hessian fly resistance and other characteristics of Marquillo spring wheat to winter wheat. R. H. Painter et al. (Kans. Sta. Tech. Bul. 49, 55 p. 1940.) Manhattan.
- Equine encephalomyelitis virus isolated from naturally infected Triatoma sanguisuga LeConte. C. H. Kitselman and A. W. Grundmann. (Kans. Sta. Tech. Bul. 50, 15 p. 1940.) Manhattan.
- Combating fruit pests in Kansas. G. A. Filingier. (Kans. Sta. Circ. 199, 45 p. 1940.) Manhattan.
- Turkey management. H. M. Scott. (Kans. Sta. Circ. 200, 20 p. 1940.) Manhattan.
- Farm woodlot management in Kansas. L. F. Smith. (Kans. Sta. Circ. 201, 28 p. 1940.) Manhattan.



- Cranberry growing in Massachusetts. H. J. Franklin. (Mass. Sta. Bul. 371, 44 p. 1940.) Amherst.
- Minerals in nutrition. J. E. Fuller et al. (Mass. Sta. Bul. 374, 40 p. 1940.) Amherst.
- Biological control of mealybugs in greenhouses. W. D. Whitcomb. (Mass. Sta. Bul. 375, 22 p. 1940.) Amherst.
- The culture and forcing of Easter lilies. H. E. White. (Mass. Sta. Bul. 376, 20 p. 1940.) Amherst.
- Meteorological observations for October, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 622, 4 p. 1940.) Amherst.
- A small practical vinegar generator. F. W. Fabian. (Mich. Sta. Circ. 174, 13 p. 1940.) East Lansing.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 23, no. 2, p. 62-126. 1940.) East Lansing.
- Biochemical studies of some varieties of apples, plums, and grapes grown in Minnesota. E. O. Barnes. (Minn. Sta. Tech. Bul. 143, 35 p. 1940.) University Farm, St. Paul.
- The judging of livestock, dairy, poultry and crops. Compiled by H. O. West. (Miss. Sta. Bul. 344, 143 p. 1940.) State College.
- Phosphates for livestock in Montana. H. Welch. (Mont. Sta. Circ. 157, 4 p. 1940.) Bozeman.
- Bang's disease (infectious abortion of cattle). H. Welch. (Mont. Sta. Circ. 158, 11 p. 1940.) Bozeman.
- The brown elm scale, description and control. F. A. Fenton. (Okla. Sta. Bul. 245, 6 p. 1940.) Stillwater.
- Current farm economics, Oklahoma. (Okla. Sta. Circ. Farm Econ., vol. 13, no. 5, p. 107-138. 1940.) Stillwater.
- Report of the Agricultural Experiment Station of Puerto Rico, 1937. (Spanish edition.) A. Lee. 128 p. 1940.) Mayaguez.
- Inspection of feeds. W. L. Adams et al. (R. I. Sta. Feed Circ., 1940. 100 p. 1940.) Kingston.
- The Essary tomato. D. M. Bailey. (Tenn. Sta. Circ. 71, 4 p. 1940.) Knoxville.
- Commercial fertilizers in 1939-40. G. S. Fraps, T. L. Ogier and S. E. Asbury. (Tex. Sta. Bul. 593, 47 p. 1940.) College Station.

Truck crop investigations: The control of truck crop diseases in Tidewater Virginia. H. T. Cook and T. J. Nugent. (Va. Truck Sta. Bul. 104, p. 1663-1717. 1940.) Norfolk.

The feeding value of alfalfa hay compared with mixed hay and grass silage as a ration for dairy cattle. R. E. Hodgson and J. C. Knott. (Wash. Sta. Bul. 386, 27 p. 1940.) Pullman.

Content of Washington weekly newspapers: Series in rural social institutions, no. 2. C. F. Reuss. (Wash. Sta. Bul. 387, 48 p. 1940.) Pullman.

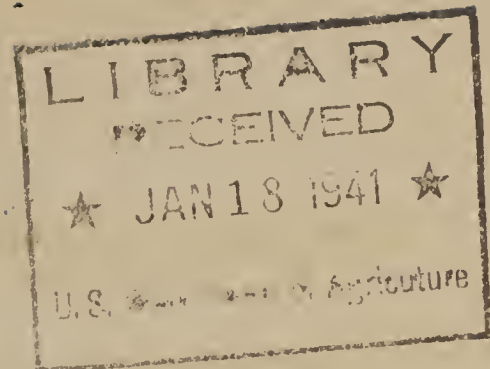
Leaf curl and mosaic of geranium. L. K. Jones. (Wash. Sta. Bul. 390, 19 p. 1940.) Pullman.

Trees for Washington farms. J. P. Nagle and E. H. Steffen. (Wash. Sta. Pop. Bul. 159, 48 p. 1940.) Pullman.

Roughage feeding of dairy cattle. H. S. Willard. (Wyo. Sta. Bul. 237, 27 p. 1940.) Laramie.

Ex 621

UNITED STATES DEPARTMENT OF AGRICULTURE  
OFFICE OF EXPERIMENT STATIONS  
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during December 1940

-----

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

-----

Foxtail millet in Colorado. J. J. Curtis, J. F. Brandon and R. M. Weihing. (Colo. Sta. Bul. 461, 12 p. 1940.) Fort Collins.

Population trends in Colorado. R. W. Roskelley. (Colo. Sta. Bul. 462, 81 p. 1940.) Fort Collins.

Corn production in Colorado. W. H. Leonard, J. F. Brandon, and J. J. Curtis. (Colo. Sta. Bul. 463, 38 p. 1940.) Fort Collins.

Fifty-third annual report, Colorado Experiment Station, 1939-1940. I. E. Newsom. 62 p. 1940. Fort Collins.

Soil management for intensive vegetable production on sandy Connecticut Valley land. M. F. Morgan and H. G. M. Jacobson. (Conn. (State) Sta. Bul. 439, p. 555-592. 1940.) New Haven.

Commercial fertilizers, report for 1940. E. M. Bailey. (Conn. (State) Sta. Bul. 441, 60 p. 1940.) New Haven.

Winter clover pastures for peninsular Florida. R. E. Blaser and F. T. Boyd. (Fla. Sta. Bul. 351, 29 p. 1940.) Gainesville.

Cover crops and fertilizers for Georgia peach orchards. E. F. Savage. (Ga. Sta. Circ. 122, 10 p. 1940.) Experiment.

Cotton variety experiments at seven locations in Georgia, 1937-1940. R. P. Bledsoe and U. R. Gore. (Ga. Sta. Circ. 124, 4 p. 1940.) Experiment.

Farm outlook, Illinois, 1941. (Ill. Ext. Circ. 511, 8 p. 1940.) Published in Station series. Urbana.

An economic study of the dairy enterprise in northeastern Iowa. R. K. Buck, J. A. Hopkins, and C. C. Malone. (Iowa Sta. Res. Bul. 278, p. 854-875. 1940.) Ames.

Effect of Hormodin A, a growth substance, on the rooting of cuttings. M. A. Maxon, B. S. Pickett, and H. W. Richey. (Iowa Sta. Res. Bul. 280, p. 930-973. 1940.) Ames.



- Performance of electric roasters. F. Madden and L. J. Peet. (Iowa Sta. Res. Bul. 282, p. 71-107. 1940.) Ames.
- Bacteriology of cheese: V, Defects of blue (Roquefort-type) cheese. H. W. Bryan and B. W. Hammer. (Iowa Sta. Res. Bul. 283, p. 111-147. 1940.) Ames.
- The quality of butter made from vacuum-pasteurized and vat-pasteurized lots of the same creams. N. E. Fabricius and E. W. Bird. (Iowa Sta. Res. Bul. 284, p. 151-172. 1940.) Ames.
- The food habits and physical condition of children in selected communities in Maine. M. A. Clayton. (Maine Sta. Bul. 401, 154 p. 1940.) Orono.
- Boron deficiency symptoms in some plants of the cabbage family. F. B. Chandler. (Maine Sta. Bul. 402, p. 155-187. 1940.) Orono.
- Foods and drugs. E. R. Tobey. (Maine Sta. Off. Insp. 175, p. 135-254. 1940.) Orono.
- Meteorological observations for November, 1940. C. I. Gunness. (Mass. Sta. Met. Bul. 623, 4 p. 1940.) Amherst.
- A laboratory study of the drainage requirements of sweet clover. P. W. Manson. (Minn. Sta. Tech. Bul. 144, 28 p. 1940.) University Farm, St. Paul.
- Montana farm real estate mortgage indebtedness: Amount, distribution, characteristics and trend of Montana farm mortgage debt. R. R. Renne. (Mont. Sta. Bul. 383, 40 p. 1940.) Bozeman.
- Intestinal worms in sheep. (Mont. Sta. Circ. 159, 6 p. 1940.) Bozeman.
- Serving Montana agriculture through research: Forty-sixth and forty-seventh annual reports of the Montana Agricultural Experiment Station, July 1, 1938 to June 30, 1940. C. McKee et al. 68 p. 1940. Bozeman.
- Training children for self-reliance. L. H. Stott. (Nebr. Sta. Circ. 66, 11 p. 1940.) Lincoln.
- Inspection of commercial feeding stuffs, 1940. T. O. Smith and H. A. Davis. (N. H. Sta. Bul. 327, 106 p. 1940.) Durham.
- Results of seed tests for 1940. B. G. Sanborn. (N. H. Sta. Bul. 328, 35 p. 1940.) Durham.
- Analyses of commercial feeding stuffs and registrations for 1940. C. S. Cathcart. (N. J. Sta. Bul. 680, 64 p. 1940.) New Brunswick.
- Effect of high humidity on egg quality during short holding periods. F. P. Jeffrey and V. Darago. (N. J. Sta. Bul. 682, 16 p. 1940.) New Brunswick.
- Swine management. W. C. Skelley. (N. J. Sta. Circ. 401, 31 p. 1940.) New Brunswick.

- Late holding of water on cranberry bogs. C. S. Beckwith. (N. J. Sta. Circ. 402, 4 p. 1940.) New Brunswick.
- Cranberry fruit rots in New Jersey. R. B. Wilcox. (N. J. Sta. Circ. 403, 4 p. 1940.) New Brunswick.
- Fertilizers for New Jersey, 1941. (N. J. Sta. Circ. 406, 8 p. 1940.) New Brunswick.
- Coniferous tree seed testing and factors affecting germination and seed quality. C. E. Heit and E. J. Eliason. (N. Y. (State) Sta. Tech. Bul. 255, 45 p. 1940.) Geneva.
- Fifty-ninth annual report of the New York State Agricultural Experiment Station for the fiscal year ended June 30, 1940. P. J. Parrott. 58 p. 1940. Geneva.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul. vol. 3, no. 2, 27 p. 1940.) State College Station, Fargo.
- Science for the farmer: Fifty-third annual report of the Pennsylvania Agricultural Experiment Station, for the fiscal year ended June 30, 1940. S. W. Fletcher. (Pa. Sta. Bul. 399, 76 p. 1940.) State College.
- Deposition and retention of sprays on apples, II. D. E. H. Frear and H. N. Worthley. (Pa. Sta. Bul. 400, 22 p. 1940.) State College.
- Levels of protein for pigs. T. B. Keith and R. C. Miller. (Pa. Sta. Bul. 401, 22 p. 1940.) State College.
- Report of the Puerto Rico Experiment Station, 1939. A Lee. 126 p. 1940. Mayaguez.
- Inspection and analysis of commercial fertilizers. B. D. Cloaninger. (S. C. Sta. Bul. 330, 163 p. 1940.) Clemson.
- Rural land holdings in South Carolina. G. H. Aull. (S. C. Sta. Bul. 331, 23 p. 1940.) Clemson.
- Velvon, a new smooth-awned barley. R. W. Woodward and D. C. Tingey. (Utah Sta. Bul. 293, 11 p. 1940.) Logan.
- Dynamometer tests of draft horses. R. W. Phillips, M. A. Madsen, and H. H. Smith. (Utah Sta. Circ. 114, 14 p. 1940.) Logan.
- Agricultural seed. A. S. Lutman. (Vt. Sta. Bul. 465, 14 p. 1940.) Burlington.
- Farm management aspects of soil conservation on flue-cured tobacco farms in Virginia. W. L. Gibson, Jr. (Va. Sta. Bul. 327, 24 p. 1940.) Blacksburg.
- Finishing two-year-old steers with grass and grain. E. A. Livesay. (W. Va. Sta. Bul. 296, 12 p. 1940.) Morgantown.
- Cooperative purchasing of farm supplies in West Virginia. M. A. Abrahamsen. (W. Va. Sta. Bul. 297, 76 p. 1940.) Morgantown.
- What's new in farm science: Fifty-seventh annual report for year ended June 30, 1940, Part I. C. L. Christensen, N. Clark, and N. Hoveland. (Wis. Sta. Bul. 450, 80 p. 1940.) Madison.



THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637

THE UNIVERSITY OF CHICAGO PRESS  
CHICAGO, ILL. 60637